

# "German's Seeds Germinate"

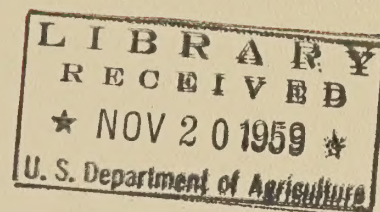


**MARIGOLD, DWARF GIGANTEA,  
SPUN GOLD**

All-America Award Winner for 1960.  
See page 13. Shown above bordered with  
Ageratum, Blue Mink (see page 3).

**1960**

**Our 34th Year**



**Florists' and  
Market Gardeners'**

*Wholesale  
Price List*



**SNAPDRAGON, NEW ROCKET SERIES**

All-America Award Winners for 1960. See page 6 for details on these outstanding new varieties.

**H. G. GERMAN *Seeds* • SMETHPORT, PENNA.**





**PETUNIA, ROSE VEIL**

Beautiful new color. Dwarf, weather-resistant, free-flowering plants. See page 16.



**SNAPDRAGON, ALL DOUBLE VARIETIES MIXED**

For garden culture. See page 6.



**MARIGOLD, GIANT AMERICAN F<sub>1</sub> HYBRID, TOREADOR (All-America 1960) and YELLOW CLIMAX.** See page 12.

Prompt, Efficient Service

Seeds Tested for Germination and Performance

All Orders Shipped by Return Mail



**SALVIA, FIREWORKS**

We predict this new variety will rapidly replace St. John's Fire. See page 19.



**COLEUS, GERMAN'S RAINBOW MIXTURE**

The brightest mixture obtainable. See page 10.





Partial view of our trial gardens, where all new varieties are tested before we offer them for sale.

## *German's Seeds Germinate*

**G**ERMAN'S SEEDS are obtained from the best sources available and are for the most part originator's stock. The remainder are obtained from leading American and European growers.

We solicit business from the critical florist grower. In this catalog we have tried to do all possible to list the most profitable and leading strains available today.

We sell only seeds of good vitality, which will grow under normal conditions. All seeds are tested in our own laboratory before shipping.

H. G. German, Seeds, warrants to the extent of the purchase price that seeds or bulbs sold are as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

We invite inquiries from large growers. Write us about your requirements on any seeds listed in this catalog, and we will answer promptly.

### CASH AND QUANTITY DISCOUNTS ON FLOWER AND VEGETABLE SEEDS ONLY

This schedule will make it profitable to order as much of your season's requirements as practical at one time and from one source.

**CASH DISCOUNTS:** When orders for Flower and Vegetable seeds are accompanied by remittance to cover, the following special discounts may be taken.

Under \$10.00, NET; \$10.00 to \$25.00, 5%; \$25.00 to \$100.00, 8%; \$100.00 to \$150.00, 10%; \$150.00 to \$200.00, 12%; \$200.00 to \$300.00, 15%.

**On Charge Orders** (if paid within 30 days of invoice date): Under \$10.00, NET; \$10.00 to \$25.00, 3%; \$25.00 to \$100.00, 6%; \$100.00 to \$150.00, 8%; \$150.00 to \$200.00, 10%; \$200.00 to \$300.00, 13%. If paid within 10 days of invoice date, deduct an additional 2%.

**C.O.D. Shipments:** Not recommended because of extra costs and frequent delays in delivery. 25% cash down payment must be sent with order, and cash discount not allowed on C.O.D. orders.

Payments should accompany all orders unless credit has been established.

All prices in this catalog subject to change without notice.

All seed orders sent prepaid to U. S. and Canada.

**Time Payments:** If you wish to open an account with us, send name of your bank and at least two (2) business references. To customers of established credit we offer these terms:

**Florists' Terms: SEEDS ONLY.** Due *net* June 15 (on goods shipped after that date, December 1).

**Market Gardeners' Terms: Vegetable seeds only.** All bills due and payable *net* August 1 (for goods shipped after that date, December 1).

**Note: ALL SUPPLIES STRICTLY CASH WITH ORDER** and may not be charged

All items in this catalog are offered subject to crop failures or shortages.

**All orders shipped by return mail**

**H. G. GERMAN** •

**SMETHPORT, PENNA.**

103 Bank St.

Phone: 436

*Specialists in Florists' Flower Seeds*



# New and Improved Varieties for 1960

From the many, many new selections we observed this past season in our own and other leading trial gardens, we have chosen the items listed below as the most outstanding new introductions.

These new varieties should be of the greatest importance to you. This is a rapidly changing world, and much of that change is STYLE. Without style change (represented by new models and ideas every year), no business or industry, whether it is cars, home furnishings or PLANTS, can continue to prosper today. Now as never before, with the great mass of people, style change adds the spice and sparkle of life and satisfies a basic human need. It is with these facts in mind that we constantly strive to add the best in new varieties or style changes each year.

Pay particular attention to the All-America Award Winners for 1960. All are outstanding, and we are certain that they will be on all leading plant-growers' lists for many years.

## NEW FLOWERS

### All-America Award Winners for 1960

#### SNAPDRAGON (*Antirrhinum*)

**Golden Rocket, Bronze Rocket, Orchid Rocket, Red Rocket, Rose Rocket, White Rocket and Mixed Rocket.** See page 6.  
**Vanguard.** 100% double rose-pink. See page 6.

#### MARIGOLDS

**Spun Gold.** See page 13.  
**Toreador.** See page 12.

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**ASTER, Duchesse Pure Yellow.** See page 7.

**SNAPDRAGONS FOR BEDDING, All Double Varieties Mixed.** See page 6.

#### SNAPDRAGONS FOR FORCING

**Flamingo.** See page 4.  
**Spartan Yellow.** See page 5.

#### BEGONIAS

**New Cinderella Strain.** See page 8.

#### COLEUS, Rainbow Types

See ten separate colors, page 10.

#### IMPATIENS SULTANII NANA

**Bright Rose, Ice Crystals, Pinkie.** See page 12.

#### MARIGOLD, Dwarf French Double

**Petite Spry.** See page 13.  
**Giant American F<sub>1</sub> Hybrids.** See page 12.

#### PANSY, Swiss Giant Reselected

**Eureka.** See page 14.

#### PETUNIAS

**Pan-American All-Double, Presto.** See page 15.  
**F<sub>1</sub> Hybrid Large-flowered, Blue Lace, Pink Magic, Rose Veil, Snow Lady.** See pages 15 and 16.  
**F<sub>1</sub> Hybrid Small-flowered, Glow Series, Mercury, The Clown.** See pages 16 and 17.

#### STATICE

**Blue Bonnet, Iceberg, Midnight Blue, Roselight, Twilight Lavender.** See page 20.

#### VERBENA, Dwarf Sparkle Types

**Dazzle, Splendor, Sparkle Mixed.** See page 22.

#### VINCA ROSEA

**Bright Eye.** See page 22.

#### PRIMULA VERIS

**New large-flowered Pacific Strain.** See page 28.

## NEW VEGETABLES

**TURNIP, F<sub>1</sub> Hybrid, Just Right.** All-America Award Winner for 1960. See page 32.

#### CABBAGE

**F<sub>1</sub> Hybrids.** See page 29.  
**Racine Market.** See page 29.  
**Wisconsin Red Acre.** See page 29.

**WATERMELON, F<sub>1</sub> Hybrid, New Early Midget.** See page 30.

#### ONION, New F<sub>1</sub> Hybrids

**Yellow Sweet Spanish Hybrid P. W. No. 106.** See page 31.  
**Elite.** See page 31.

#### TOMATO

**F<sub>1</sub> Hybrid Forcing, Tuckcross O.** See page 31.  
**Big Red.** See page 32.  
**Campbell 146.** See page 32.

All who grow crops outdoors should read about the new paper mulch. See page 35.



# FLOWER SEEDS

In order to assist our customers, we are giving the following information under each variety: the approximate number of seeds per ounce; temperature for best germination; number of weeks required to germinate; and in the case of spring bedding plants, the approximate sowing date for salable plants for late May and early June sales. Example: **AGERATUM**, 238,000 S; 65° to 75° F.; 3 weeks; late Dec.



**AGERATUM**, Blue Mink

## AGERATUM

238,000 S; 65° to 75° F.; 3 weeks; late Dec.

**Blue Mink.** Tetraploid. Large, powder-blue flower heads freely produced on 6 to 8-in. plants. Produces huskier plants for fast sales in pots or flats. Tr. pkt. 50c, 1/8oz. \$1.65, 1/4oz. \$3.00.

**Blue Ball Improved.** 6 to 10 in. Medium blue. Tr. pkt. 50c, 1/8oz. 70c, 1/4oz. \$1.30, oz. \$4.25.

**Blue Bedder.** Medium-sized, bright blue flowers. Tr. pkt. 50c, 1/8oz. 90c, 1/4oz. \$1.60, oz. \$5.00.

**Midget Blue.** Profuse blooming; clear blue. This is the finest seed-produced strain, with Blue Bedder a close second. 4 to 6 in. Tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.75, oz. \$6.00.

**Dwarf White Improved.** Pure white, quite uniform. Tr. pkt. 50c, 1/4oz. \$1.25, 1/2oz. \$2.00.

**Fairy Pink.** Light salmon-pink. Tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.85.

## ALYSSUM maritimum (Sweet Alyssum)

80,000 S; 65° to 75° F.; 2 weeks; early Feb.

**Pink Heather.** 1959 Top All-America Selection. Soft lavender-pink, a light pink deeper in cool weather. Plant and blooming habits of Violet Queen and Little Dorrit, growing about 6 in. tall with good spread of bloom until late September. As it is easily grown, it makes one of the most satisfactory garden flowers for edging, bedding, rock gardens and pot plants. Tr. pkt. 60c, 1/4oz. \$1.80, oz. \$5.50

## ALYSSUM, continued

**Carpet of Snow.** Spreading. 2 to 3 in. Tr. pkt. 20c, 1/4oz. 35c, oz. \$1.00.

**Little Dorrit.** Miniature white. 4 in. 1/4oz. 30c, oz. 95c.

**Royal Carpet.** 1953 Top All-America Selection. A gem for the garden. The spreading, compact habit and rich violet color will make it an excellent companion for Carpet of Snow. Height 3 in.; spread 10 to 12 in. Tr. pkt. 40c, 1/4oz. \$1.30, oz. \$3.90.

**Violet Queen Improved.** Special selection. Deep bright violet; very compact. Tr. pkt. 30c, 1/4oz. \$1.30, 1/2oz. \$2.10, oz. \$3.95.

## AMARANTHUS

65° to 75° F.; 2 to 3 weeks; Apr. 15

**Molten Fire.** (28,000 S) Fiery crimson to maroon. Tr. pkt. 25c, 1/4oz. 70c.

**Tricolor Splendens.** (60,000 S) Beautiful green, yellow and red foliage. Handle like Coleus. Tr. pkt. 25c, 1/4oz. 60c

## ANTIRRHINUM (Snapdragon)

"Snapdragons," 1954 edition, lists the leading varieties, gives the number of days from sowing to benching and the number of days from benching to blooming for every month of the year. Available upon request.

We are always glad to help our customers select the best varieties for their conditions and invite inquiries from them. When writing, state the season you want the Snaps to bloom and when you can bench them. We will gladly send suggestions.

## "SNAPS" for Greenhouse Forcing Expected Blooming Periods

All blooming periods marked below are based on pinched plants grown on raised benches at 50° F. nights. In order to better describe the many varieties listed, we have divided them into five groups: E, early varieties that flower by Dec. 15; M, mid-season (often called winter-blooming) varieties that bloom from Dec. 15 to Jan. 15; L, those blooming after Jan. 15; S, spring bloomers that are very late and should be planted to follow chrysanthemums at the earliest; and HW, hot-weather varieties for June, July, August and September flowering only.

We recommend the following varieties for greenhouse forcing from late May to early October. Use the F<sub>1</sub> Hybrid varieties for May, June, September, October and November periods. Use the Open-Pollinated varieties (Rockwood) for July, August and early September crops.

**WHITE**—Crystal White, June Bride, Potomac White, Virginia, Rockwood White No. 7, White Skies.

**PINK**—Florida, Potomac Pink, Rockwood Summer Pink No. 1 and No. 2, Summer Jewel.

**YELLOW**—Dark Star, Rockwood Summer Yellow, Potomac Yellow, Sunshine, Rockwood Yellow No. 11.

**LAVENDER**—Arizona, Rockwood's Lavender-Rose, Summer Orchid.

**RED**—Navajo.



## ANTIRRHINUM, continued



Left to Right: Antirrhinums, Wisconsin, Ohio and New York

### Pink and Rose Hybrids

- M **Anne Marie.** (J. S. Yoder.) Light pink, just a shade darker than Christina and blooms about 10 days later. Very large spikes on stiff, heavy stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Christina.** (J. S. Yoder.) Again available in its original 100% true form. Most popular shade of light pink.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Christmas Cheer.** (Windmillier.) Well-known light rose-pink. Tr. pkt. \$3.00.
- M **Crusader.** (Yoder Bros.) Light Dorcas Jane pink shade. Tr. pkt. \$3.50.
- M **Flamingo.** (Winkler.) Bright salmon-rose-pink, a new color. Very uniform and productive. Long spikes and strong stems; shatter-resistant.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Florida.** (Yoder Bros.) Light pink summer hybrid of Christina color. Retains color under high temperatures. Highly shatter-proof. Long, compact spikes. Tr. pkt. \$3.50.
- M **Flower Girl.** (Ball.) Long, medium pink spikes carried on clean, firm stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Hercules.** (Ball.) Light pink. Very hard, clean stem.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Holiday.** (Ball.) Medium pink; long spikes.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Jackpot.** (Ball.) A good producer. Medium dark rose; heavy stems and long spikes.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Libby.** (Yoder.) A dark rose-pink hybrid with very strong stem and good vigor. Large florets, close set. A second early, flowering after Mary Ellen.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

### Pink and Rose Hybrids, continued

- M **Maryland Pink Improved.** (Winkler.) This strain is now one of the leading light pinks—soft creamy pink.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Nashua.** (Yoder Bros.) Light rose-pink. Large, ruffled florets are borne compactly on hard, clean stems. Responds well under low light, low temperature environment. Tr. pkt. \$3.50.
- M **Native Dancer.** (Yoder Bros.) Light rose-pink. Shows greatest vigor yet observed in midwinter Snaps. Recommended for mid-December through early May. Tr. pkt. \$3.50.
- E **New Times.** (Pan-American.) Better Times color. Hybrid with vigorous growth and good stems.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **New York.** (Yoder Bros.) Light clear pink. Tremendous vigor. Highly shatter-proof spikes are large and compact. Tr. pkt. \$3.50.
- M **Pompey.** (Yoder Bros.) Medium pink; long spikes. Tr. pkt. \$3.50.
- HW **Potomac Pink.** (Winkler.) Beautiful soft pink for summer flowering. Tr. pkt. \$3.50.
- E **Rebecca.** (J. S. Yoder & Son.) Beautiful pink, slightly lighter than Christina, earlier, but with the same large spikes and fine stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Rockwood's Early Hybrid Pink No. 1.** Light rose-pink; very strong stems, close-set florets. Best for single stem.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Rockwood Summer Pink No. 2.** Beautiful light pink bred for summer culture.  $\frac{1}{2}$  tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Rosanna.** (Ball.) An early deep rose. Strong, clean grower.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- L **Show Girl.** (Ball.) Medium dark rose. Excellent for spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Top Flight.** (Yoder Bros.) Large rose-pink florets, same color as and slightly earlier than Christina. Tr. pkt. \$3.50.
- E **Vesper or Evening Star.** (German.) One of the best new deep rose varieties we observed in the many varieties we tested last winter. Bright deep rose.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Whirlaway.** (Yoder Bros.) Light rose-pink with yellow lip. Closely spaced florets on long spikes. Tr. pkt. \$3.50.
- E **Wintergreen.** (Yoder Bros.) Very fine light rose-pink. Compact spikes; uniformly placed florets; stiff wiry stems. Tr. pkt. \$3.50.
- M **Wisconsin.** (Yoder Bros.) Intense dark pink, winter and early spring. Color resembles the rose Better Times. Spikes long and tapering. Tr. pkt. \$3.50.

### Pink and Rose Open Pollinated

- HW **Gaytime.** (Yoder Bros.) Medium pink, yellow lip. For summer only. Hard stem; long spike. Tr. pkt. \$3.50.
- HW **Rockwood Summer Pink No. 1.** Rose-pink. Bred for late spring and summer flowering.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- HW **Summer Jewel.** (Yoder Bros.) Deep pink, shatter-proof variety for summer only. Tr. pkt. \$3.50.

### Red Hybrids

- E **Cherokee.** (Ball.) Bright scarlet-red, long, well-formed spikes. Good winter and spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Comet.** (German.) Beautiful scarlet-red, earlier than standard varieties. Heavy spikes borne on hard wiry stems. Growth habits close to Christina.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland Red.** (Winkler.) Beautiful new red. Large spikes and florets; heavy stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Navajo.** (Ball.) Bright red. Good-sized florets on an extra-long spike, with hard stem.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.



## ANTIRRHINUM, continued

### Red Hybrids, continued

- M **Priscilla Ann.** (Yoder.) Velvety crimson; very strong stems and nicely spaced florets.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Rockwood Hybrid Red No. 15.** Large, well-formed, dark red or crimson flowers on heavy, wiry stems. A good early variety for fall and winter. Season—late September to June.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

### Lavender Hybrids

- HW **Arizona.** (Yoder Bros.) New summer-flowering lavender hybrid. Large florets. Outstanding for its long spikes and vigorous habit. Tr. pkt. \$3.50.
- L **Lavender Lady.** (Ball.) Deep rosy lavender. For late winter and spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maine.** (Yoder Bros.) Rich purple. Improved Bold Venture in spike, vigor and form. Tr. pkt. \$3.50.
- M **Maryland Lavender.** (Winkler.) Clear light orchid, large florets closely set.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Mercury.** (German.) Earliest hybrid lavender available. Orchid-lavender, close-set florets on wiry stems. An improved Twilight.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.

### Lavender Open Pollinated

- HW **Rockwood's Lavender-Rose.**  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **Small's Lavender.** (Small.) The earliest and best lavender available. Blooms a few days earlier than Margaret. Excellent spikes and strong stems. Tr. pkt. \$3.00.
- HW **Summer Orchid.** Bright deep orchid. Outstanding for spike length and vigor. Tr. pkt. \$3.50.

### Bronze Hybrids

- M **Barbara.** (Yoder.) Rich bronze; large spikes on strong stems. Spikes slightly open.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Cavalcade.** (Yoder Bros.) Very vigorous golden bronze. Tr. pkt. \$3.50.
- M **Gallant Fox.** (Yoder Bros.) Excellent medium rosy bronze. Tr. pkt. \$3.50.
- L **Indian Chief.** (Ball.) Scarlet-bronze for spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland Orange.** (Winkler.) Large; bright rosy bronze. Stiff stems.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Saturn.** (German.) Early scarlet-bronze. Does not have a soft stem in midwinter, but a hard stem with long tapering spikes.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Summer Orange.** (Rockwood.) Bright orange-bronze, for summer only. Tr. pkt. \$3.00.

### White Hybrids

- M **Albion.** (Yoder Bros.) Winter and spring paper-white. Long, tapering spikes. Tr. pkt. \$3.50.
- M **Apollo.** Ivory-white, similar to Margaret. Tr. pkt. \$3.50.
- M **Citation.** (Yoder Bros.) Ivory-white. Long hard stems; excellent spikes. Tr. pkt. \$3.50.
- M **Ivory Tower.** (Pan-American.) One of the new race of shatter-resistant varieties. Good shipper.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- HW **June Bride.** (Ball.) A new pure white for late spring and June single-stem culture. Hard clean stems, shatter-proof.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Maryland White Improved.** (Winkler.) Purest white; large spikes and strong stems. Should be on every grower's list.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Ohio.** (Yoder Bros.) Pure paper-white. Vigor and spike length exceed Albion and White Knight. Shatter-proof, compact florets. Tr. pkt. \$3.50.
- HW **Potomac White.** (Winkler.) New pure white for late spring and summer. Grow single stem for best quality, but pinching will give heavy production of good quality blooms. Tr. pkt. \$3.50.

### White Hybrids, continued

- M **Rockwood Hybrid White No. 5.** A fine white for fall and winter blooming. Well-formed spikes on heavy, wiry stems. Season—late September to June.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Rockwood White No. 7.** Pure white. Large, well-formed spikes bred for summer flowering.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Snowman.** (Ball.) Excellent pure white.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Spartan White.** MSC #2. NEW IMPROVED STRAIN. An early-flowering pure white. Clean-growing, large spike; shatter-resistant.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **Twenty Grand.** (Yoder Bros.) Excellent ivory. Good producer. Tr. pkt. \$3.50.
- HW **Virginia.** (Yoder Bros.) Paper-white hybrid. Long spikes, hard clean stems and large florets that are shatter-proof. Terrific for June. Tr. pkt. \$3.50.
- M **White Knight.** (Yoder Bros.) New paper-white. Medium to long, compact spikes. Tr. pkt. \$3.50.
- HW **White Skies.** (Yoder Bros.) Pure white for May to September only. Shatter-proof, tall and vigorous. Tr. pkt. \$3.50.

### White Open Pollinated

- HW **Crystal White.** (Rockwood.) Large-flowered pure white for spring and summer. Has an excellent strong stem and huge flower-spike. For benching after Mums only.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- M **Rockwood's Early White.** Tr. pkt. \$2.00.
- HW **Rockwood Crystal White No. 2.** (Rockwood.) A reselected strain; excellent germination. Tr. pkt. \$3.50.
- HW **Yoder's Crystal White.** (Yoder Bros.) Originator's improved selection, shatter-proof and strong germinating seed. Tr. pkt. \$3.50.

### Yellow Hybrids

- M **Broker's Tip.** (Yoder Bros.) Medium yellow for late winter and spring. Firm stems. Tr. pkt. \$3.50.
- HW **Dark Star.** (Yoder Bros.) Clear yellow summer hybrid. Not subject to high temperature burn. Tr. pkt. \$3.50.
- M **Doubloon.** (Ball.) Richest deepest yellow hybrid. Forms good stem and spike in midwinter.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Golden Spike.** (Ball.) Deep golden yellow for late winter and spring.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- M **Patricia.** (Yoder.) Deep golden yellow, very vigorous. Growth similar to Margaret, but it is earlier.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Potomac Yellow.** (Winkler.) New bright yellow for late spring and summer flowering. Grow single stem for highest quality. Pinching will give heavy production of good-quality spikes. Tr. pkt. \$3.50.
- L **Rockwood Hybrid Yellow No. 10.** A fairly deep yellow. Well-formed flowers; stems stiff and heavy. Season—late September to June.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- HW **Rockwood Yellow No. 11.** Dark golden yellow. Long spikes and good stems. Bred for summer culture.  $\frac{1}{2}$ tr. pkt. \$2.00; tr. pkt. \$3.50.
- E **Spartan Yellow.** Deep golden yellow. Long spikes on heavy stems; very productive.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **Swaps.** (Yoder Bros.) Large yellow florets, compact spike and hard stem. Earliest yellow for winter. Tr. pkt. \$3.50.
- M **Venus.** (German.) Bright golden yellow. Uniform, vigorous, with hard stem and close-set florets.  $\frac{1}{2}$ tr. pkt. \$2.00, tr. pkt. \$3.50.
- E **War Admiral.** (Yoder Bros.) Fine yellow for winter. Tr. pkt. \$3.50.

### Yellow Open Pollinated

- HW **Rockwood Summer Yellow.** For late spring and summer flowering.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.
- HW **Sunshine.** Medium yellow. Resistant to shatter. Bred for hot weather growing in both the greenhouse and cloth house.  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00.



## OUTDOOR SNAPDRAGONS

218,000 S; 65° to 70° F.; 1 to 2 weeks; Feb. 10

### New Rocket Series

All-America Award Winners for 1960

The most spectacular award-winning flowers in a long time. The Rocket Series are the first F<sub>1</sub> hybrids purposely bred for garden use and hot-weather tolerance. The long heavy spikes on very heavy stems, with close-spaced florets, make this series outstanding performers everywhere. We predict these new Snaps will rapidly replace all other garden types in the same manner that the F<sub>1</sub> Hybrid Petunias have replaced the old open-pollinated class. Sow early February. Transplant and pinch when 2½ in. tall; set out in garden early.

**Bronze Rocket.** Autumn-gold suffused pink.

**Golden Rocket.** Beautiful deep golden yellow.

**Orchid Rocket.** Lovely orchid-pink.

**Red Rocket.** Finest of series; highest scorer in All-America trials. Beautiful scarlet-crimson with dark reddish green foliage and stems.

**Rose Rocket.** Refreshing medium rose with touch of yellow on lip.

**White Rocket.** Long, graceful, creamy white spikes.

**Mixed Rocket.** Formula mixture of all the above varieties.

Any of above, 500 seeds \$1.75, 1000 seeds \$3.00, ¼oz. \$5.70, ½oz. \$10.80, ¾oz. \$20.00, 1oz. \$39.00, 1¼oz. \$74.00

**Vanguard.** F<sub>1</sub> Hybrid Double. All-America Award Winner for 1960. Rose-pink with yellow lip markings; 100% double. Its large double florets and long spikes are extremely attractive. 500 seeds \$2.50, 1/128oz. \$4.50, ¼oz. \$8.50.

**All Double Varieties Mixed.** Mixture of rose, crimson, yellow, pure white and bronze, well blended. Sow in early February for maximum results. Tr. pkt. \$2.50, ¼oz. \$3.75, ½oz. \$7.00, ¾oz. \$13.50, 1oz. \$21.00.

### FUTURAMA or PANORAMA SNAPS (NEW)

New garden variety for cut-flower production outdoors. All have very heavy sturdy stems, needing no support. Compact florets on long, tapering spikes make these new varieties a "must" for either amateur or professional cut-flower use.

**Futurama Bronze.** Rich bronze.

**Futurama Lavender.** Rich rosy lavender.

**Futurama Pink.** Beautiful rose-pink.

**Futurama Yellow.** Golden yellow.

**Futurama White.** Ivory-white.

**Futurama Red.** Bright scarlet-red.

**Futurama Mixed.** Mixture of all six colors in equal proportions.

Any of above, tr. pkt. 60c, ¼oz. \$1.00, ½oz. \$3.00, 1oz. \$9.00

Collection: one tr. pkt. of each of above 6 colors and mixture (7 pkts.) for \$4.00

### Tetraploid Varieties 104,800 S; 65° to 70° F.; 1 to 2 weeks; Feb. 10

**Tetra Mixture.** A much-improved range of colors in this mixture. Ideal for outdoor cut. Tr. pkt. 50c, ¼oz. \$1.25, ½oz. \$2.35, 1oz. \$6.75.

**King's Court.** Extremely early blooming, strong stemmed, with many blossoms. Complete color range, with the clearest white, yellows, soft and dark pinks, rose, crimsons and scarlets. Especially adapted for bedding-plant sales. Seedlings sell on sight in flats, as they show the hybrid vigor and branch profusely. Tr. pkt. 50c, ¼oz. \$1.25, ½oz. \$2.25, ¾oz. \$3.75, 1oz. \$6.75.

### Maximum Rust-Resistant Varieties

**Formula Mixture.** Hand-blended mixture; contains all the colors in the correct proportion.

**Velvet Giant, Reselected Strain.** Rich velvet red; tall and large flowered.

Either of above, tr. pkt. 40c, ½oz. 70c, ¼oz. \$1.25, ½oz. \$3.75

**Harris Colossal Mixed.** Tr. pkt. 50c, ½oz. 90c, ¼oz. \$1.75, 1oz. \$5.00.

## ASTERS

14,850 S; 65° to 75° F.; 1 to 2 weeks; for spring sales sow 6 weeks before selling date

**FORCING ASTERS:** Asters form flower buds when axis elongation occurs. This does not occur under daylight periods less than 15 hours, unless the temperature is above 70°. Short days prevent axis elongation, but speed up bud development. The resulting flower is smaller and on a shorter stem.

**ADDITIONAL LIGHTING SCHEDULE:** 40-watt bulbs, 6 ft. apart and 2 ft. above the plant tops, give sufficient light for this crop. Give 3 hours additional lighting during the months of August, September, October and March. Give 4 hours additional lighting during November and February, and 5 hours additional lighting during December and January. We recommend lights set to come on at 10:00 P.M. Start lights on seed flats as soon as leaves appear and continue lights until first flowers show color.

Pot seedlings as soon as large enough. We highly recommend Jiffy Pots for this. Space 8 x 8 in. in the bench. Don't pinch.

Sowing	Potting	Benching	Blooming
Nov. 1	Nov. 25	Jan. 10	Apr.
Dec. 20	Jan. 20	Mar. 1	May
Feb. 1	Feb. 20	Apr. 1	June
Mar. 10	Apr. 1	Apr. 15	July
Apr. 20	Mar. 10	June 15	Aug.
May 20	June 10	July 15	Sept.
June 10	July 1	Aug. 1	Oct.

We cannot recommend forcing cut-flower types from November to mid-March.

For forcing in the greenhouse and for cloth house culture we recommend the New Ball varieties and new Duchesse; next in desirability are American Branching or The Royals.

We offer only Bodger's Wilt-resistant Strains, which have proved very satisfactory to the trade.

**Dwarf Queen.** Early flowering; 10 in. high. Wilt-resistant, dwarf base-branching plants with large double flowers freely produced. Will make ideal pot plants. We suggest placing three plants in a 5 or 6-in. pot or single plants in a 3½ or 4-in. pot. Do not mix colors in a pot, for each color blooms at a different time. To bloom in pots follow lighting schedule given above.

Sown Aug. 1, will bloom Dec. 13  
 Aug. 20, will bloom Jan. 10  
 Sept. 10, will bloom Feb. 10  
 Oct. 1, will bloom Mar. 20  
 Oct. 19, will bloom Apr. 18

For sowing at times other than above dates, follow above schedule given for forcing cut-flower Asters. Prick off to 2¼-in. pots about three to four weeks after sowing. The final shift to blooming-size pots is made about six weeks after transplanting.

**Crimson.** Deep rose.

**Deep Blue.** Violet-blue.

**Light Blue.** True lilac-lavender.

**Rose.** Bright rose-pink.

**Scarlet.** Bright scarlet-red.

**White.** Pure white.

**Mixed Colors.** Mixture of all colors.

Any of above, tr. pkt. 60c, ¼oz. \$1.25, ½oz. \$3.75

**Kirkwell.** Ideal pot plants, to sow October and November for late January to March flowering.

Crimson	Dark Blue	Deep Rose
Light Pink	Mixed Colors	
Any of above, tr. pkt. 75c, ¼oz. \$2.00		

H. G. GERMAN, 103 Bank Street, Smethport, Penna.





ASTER, Giant Incurved Florists' Mixed

### Best Asters for Greenhouse Forcing and Cloth House Culture

**Duchesse Pure Yellow.** (New.) An entirely new race of Asters for cut-flower use, this is the first color of this new strain. Large chrysanthemum-type blooms,  $4\frac{1}{2}$  to 5 in. in diameter. Vigorous, long stems; brilliant green foliage. Large, globe-shaped blooms resemble giant mums. Long keeping, wilt-resistant. Tr. pkt. \$1.75,  $\frac{1}{4}$ oz. \$3.20, oz. \$9.60.

**New Ball Varieties or Giant Incurved.** Wilt-resistant.  
**Azure Ball.** Light blue. **Rose Ball.** Deep rose.  
**Pink Ball.** Shell-pink. **White Ball.** Pure white.  
**Purple Ball.** Rich dark blue.  
**Florists' Mixed.** Contains 30% white, 30% pink, 20% azure, 10% rose, 10% purple.  
**Deep Purple Ball.** (New.) Darker and earlier than the original Purple Ball.

Any of above seven colors of New Ball Varieties, tr. pkt. \$1.75,  $\frac{1}{4}$ oz. \$3.20, oz. \$9.60

**Super Princess.** An improved strain with longer, stronger stems and larger flowers. Bred for cut-flower use; recommended for forcing in the greenhouse or in cloth houses.  
**Coppery Rose** **Pure White** **Scarlet Pimpernel**  
**Light Blue** **Salmon-Pink** **Soft Pink**

Any of above, tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.50, oz. \$3.75

### Popular Varieties for the Home Garden, Also Good Forcing Types

**Early Giant Wilt-resistant.** Very early blooming. Giants of California type.  
**Azure-Blue.** (New.) Soft azure-blue.  
**Crimson.** (New.)  
**Peach Blossom.** Opens white, flushed lavender-pink.  
**Rose Marie.** Deep rose.  
**White.** (New.) Pure white.  
**Finest Mixed.** Blend of above colors.

Any of above, tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.25, oz. \$3.75

### ASTERS, continued

**Super Giant Wilt-resistant.** (New.) The long-awaited wilt-resistant strain of true giant ostrich-feather flowers. Heavy non-lateral stems. Plants 3 ft. high.

**Beverly Hills.** Azure-blue. **Los Angeles.** Shell-pink.  
**El Monte.** Crimson. **Palm Springs.** Deep rose.  
**Hollywood.** Pure white. **Santa Barbara.** Dark purple.  
**Finest Mixed.** Full mixture of all colors.

Any of above, tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.25, oz. \$3.75

**American Branching and the Royals.** Second early, following Queen of the Market types. Large, robust flowers in mid-August. 2 to  $2\frac{1}{2}$  ft. tall.

**Azure-Blue** **White**  
**Rose** **Shell-Pink (Mary Semple)**  
**Purple** **Mixture of Above Colors**  
**Sensation.** Scarlet.

Any of above,  $\frac{1}{8}$ oz. 35c,  $\frac{1}{4}$ oz. 65c, oz. \$2.00

**Yellow.** A new color break in Asters. Good strong color, on long stems.

**Salmon-Pink.** Beautiful pastel salmon.

Either of above two, tr. pkt. 60c,  $\frac{1}{4}$ oz. \$1.55, oz. \$4.60

**Queen of the Market, Finest Mixed.** Earliest-flowering class; the least resistant.  $\frac{1}{8}$ oz. 35c,  $\frac{1}{4}$ oz. 65c, oz. \$2.00.

**Crego.** Large flowers with petals nearly double the length of older varieties, curled and interlaced. Good shipper.

**Azure-Blue** **Purple** **White**  
**Deep Rose** **Deep Rose** **Finest Mixed**  
**Rose-Pink.** (New.) Light pink.  
**Blue Flame.** (New.) Bright blue.

Any of above,  $\frac{1}{8}$ oz. 35c,  $\frac{1}{4}$ oz. 65c, oz. \$2.00

**Bedding Princess Mixed.** Attractive new cutting type that has become very popular wherever grown. Branching, early and free flowering. Mixture of all Princess colors. Tr. pkt. 45c,  $\frac{1}{4}$ oz. \$1.30, oz. \$3.90.

**Goldilocks.** Creamy yellow Aster Earlier, deeper yellow version of Golden Sheaf. Tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.00, oz. \$3.75.

**Bouquet or Pompon.** Wilt-resistant.

**Azure.** (New.) **Rose-Pink**  
**Peach Blossom** **White**  
**Purple.** (New.) **Scarlet**  
**Powderpuffs.** Mixture of all colors.

Any of above, tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.50, oz. \$4.50

**Heart of France.** Very distinct rich red. Blooms early September. Tr. pkt. 40c,  $\frac{1}{4}$ oz. \$1.25, oz. \$3.75.

**All Double Varieties Mixed.** Originator's mixture of wilt-resistant strains.

**Single Rainbow Upright.** Habit allows plant to be cut as a bunch.

Either of above, tr. pkt. 30c,  $\frac{1}{4}$ oz. 50c, oz. \$1.50

### Culture For Forcing Asters

For cut-flower use either in the greenhouse or outside, the new F<sub>1</sub> Hybrids, Duchesse and Ball or Giant Incurved are best. To produce large bloom size, it is necessary to remove the lower branches and thus limit the number of flowers per plant to five or six. Lateral stems will produce better quality if disbudded to one flower per stem.

For greenhouse cut flowers, try something good, something different. The Bouquet types perform exceptionally well and cut blooms last indefinitely. For home-garden sales, the American Branching or Royals are most popular; however, the new Bouquet types are close to them in popularity.

The Cregos are the ever-popular shaggy types. Early Giants are the same type bloom but earlier, while the Super Giants have the largest blooms with long stiff stems and bloom about 10 days later than the Cregos.



## ASPARAGUS

750 S; 70° to 80° F.; 4 to 6 weeks

High-germinating California-grown seed, averaging 75 per cent germination at 70-degree soil temperature.

**Plumosus nanus**                      **Sprengeri**

Either of above, 250 seeds 65c, 1000 seeds \$2.50,  
5000 seeds \$10.00, 10,000 seeds \$18.50

## BEGONIAS

30,000 S to 1/2oz.; 65° to 75° F.; 2 to 3 weeks; sow Jan. for 4 in. for May sales

### New Cinderella Strain

**Cinderella Rose.** Bright pink flowers, each with a large, attractive, golden yellow center.

**Cinderella Mixed.** Rose, pink and white blended.

**Paris Market Red.** Large bright red blooms with large attractive yellow centers.

**Paris Market Rose-Pink.** Blooms 2 in. in diameter, bright rose-pink. Heat resistant.

Any of above,

1/2tr. pkt. \$1.75, tr. pkt. \$3.00, 1/128oz. \$9.00

For the convenience of the trade we have divided our Begonias into three groups: Intermediate, Dwarf and Tuberous-rooted. The following varieties have been accepted by our customers as the most satisfactory and best sellers.

### Intermediate. 10 to 12 in.

**Carmen.** Rose-pink flowers; bronze foliage. Tr. pkt. \$1.25, 1/64oz. \$2.75, 1/32oz. \$5.00.

**Indian Maid.** Deep scarlet flowers; lustrous bronze foliage. Tr. pkt. \$1.25, 1/64oz. \$2.50, 1/32oz. \$4.50.

**Luminosa.** Deep scarlet flowers; light green foliage. Tr. pkt. \$1.25, 1/64oz. \$2.50, 1/32oz. \$4.75.

**Prima Donna.** Most attractive, medium rose-pink. Tr. pkt. \$1.25, 1/64oz. \$2.00, 1/32oz. \$3.50.

### Dwarf

**Adeline.** Bright pink flowers and green foliage. Tr. pkt. \$1.50, 1/64oz. \$3.00, 1/32oz. \$5.00.

**Benary's Rosy Red.** (F<sub>1</sub> Hybrid.) Striking color, sun and rainproof. For bedding and winter blooming. Extra dwarf. Tr. pkt. \$1.50, 1/128 oz. \$4.15, 1/64oz. \$8.00.

**Dwarf Luminosa.** Dwarf; bright scarlet. Tr. pkt. \$1.50, 1/64oz. \$3.00, 1/32oz. \$5.50.

**Essen 1938.** (F<sub>1</sub> Hybrid.) Bright cherry-red. Very free flowering. Tr. pkt. \$1.50, 1/64oz. \$3.35.

**Frosted Chocolate.** Silvery white flowers with beautifully contrasting brownish bronze foliage. Free and continuous blooming. Tr. pkt. \$1.50, 1/64oz. \$3.35.

**Organdy.** (F<sub>1</sub> Hybrid.) New mixture of hybrid Begonias, sun and rainproof. Beautiful colors; extremely floriferous. For bedding or pot plants. Tr. pkt. \$1.50, 1/128 oz. \$6.25.

**Sleeping Beauty.** (F<sub>1</sub> Hybrid.) Bright carmine, sun and rainproof. Free flowering. Extra dwarf. Tr. pkt. \$1.50.

**Snowbank.** The best large-flowering pure glistening white; light green foliage. Tr. pkt. \$1.50, 1/64oz. \$2.75, 1/32oz. \$5.00.

**Thousand Wonders Red.** (Hybrid.) Rich carmine-scarlet. Most free-blooming dwarf red. Tr. pkt. \$1.50, 1/128oz. \$4.25.

**Thousand Wonders Pink (Tausendschon).** (F<sub>1</sub> Hybrid.) Beautiful bright sunproof pink. Dwarf. Tr. pkt. \$1.50, 1/128oz. \$4.25.

**Dwarf Mixture.** Hand mixture of dwarf varieties. Tr. pkt. \$1.25, 1/64oz. \$2.50, 1/32oz. \$4.50.

**All Varieties Mixed.** Mixture of the best colors in all three classes. Tr. pkt. \$1.00, 1/64oz. \$2.00, 1/32oz. \$3.75.

**Tuberous-rooted.** Early January sowing will make excellent plants for sales from June on.

**Double Mixed.** Carefully selected from a European specialist's collection. About 80% doubles. Tr. pkt. \$2.50.



BEGONIA, Thousand Wonders Pink

## BALSAM

3335 S; 65° to 70° F.; 2 to 3 weeks; Apr. 15

**Camellia-flowered, Mixed.** Extra double. Tr. pkt. 30c, 1/4oz. 50c, oz. \$1.50.

**Double Bush-flowering, Mixed.** Tr. pkt. 40c, 1/4oz. 75c, oz. \$2.25.

## BELLS OF IRELAND

Immensely popular with floral artists. Tr. pkt. 40c, 1/4oz. \$1.00, oz. \$3.00.

## BROWALLIA

65,000 S; 65° to 75° F.; 2 to 3 weeks; Dec.

**Speciosa major.** For potting and combinations. Violet-blue, 1 1/2-in. flowers carried on 10 to 12-in. plants. Tr. pkt. \$1.00, 1/6oz. \$2.00.

## CALCEOLARIA

600,000 S; 60° to 70° F.; 2 to 3 weeks; sow Aug. 1 for early Easter, Sept. 10 for Mother's Day

**Hybrid Mixed.** The first F<sub>1</sub> Hybrid Calceolaria. Medium-sized florets produced in large heads. Brilliant reds and yellows with some spotted make this an outstanding mixture. Hybrid vigor requires that this plant be finished in 6-in. pots rather than 5 in. 1/2tr. pkt. \$1.75, tr. pkt. \$3.00.

**Nana Multiflora.** Compact, free-blooming strain. Brilliant colors. Tr. pkt. \$1.50.

**Dwarf Tigered or Spotted.** Dwarf and compact. Tr. pkt. \$1.00, 1/64oz. \$2.50.



## CALENDULA, Forcing Varieties

4550 S; 65° to 70° F.; 2 to 3 weeks; Apr. 10

**Ball Gold Improved**

**Ball Lemon Queen**

**Ball Long Orange Improved**

**Masterpiece.** Deep orange-brown center; extra-long stem.

**Sensation Improved.** Brilliant orange.

**Mixed Colors.** Mixture of above colors.

Any of above, tr. pkt. 35c, 1/4oz. 50c, oz. \$1.50

## CALLIOPSIS

90,000 S; 65° to 70° F.; 2 to 3 weeks; Feb. 15

**Tiger Star.** Ideal for combinations and borders. Rich crimson, striped and mottled with yellow. The plant stays dwarf (8 in.). The bright, star-shaped flowers drew many favorable comments in our trials. Tr. pkt. 50c, 1/8oz. \$1.00.

## CANDYTUFT

9500 S; 65° to 70° F.; 1 to 3 weeks

### Hyacinth-flowered

**Super Hyacinth-flowered, Iceberg.** Individual florets up to one and one-half times as large as current strains. Should make Candytuft even more important as a florists' crop. Tr. pkt. 65c, 1/2oz. \$3.00, oz. \$5.50.

**Giant Hyacinth-flowered, White Pinnacle.** (New last year.) A valuable florist item. Pure white, taller than others. Tr. pkt. 75c, 1/4oz. \$1.90, 1/2oz. \$3.50, oz. \$6.00.

**Florists' Giant Hyacinth-flowered, White.** Enormous trusses of uniform blooms, very regular in growth. Tr. pkt. 50c, 1/2oz. \$1.00, oz. \$1.75.

**Umbellata, Fairy Mixture.** (New.) Many new and beautiful shades. An excellent item for borders. 6 to 8 in. Tr. pkt. 35c, 1/4oz. 60c, oz. \$1.80.

## CARNATION, Chabaud's Giant Improved Strain

14,585 S; 65° to 70° F.; 2 to 3 weeks; Feb. 1

**Blood-Red**

**Scarlet**

**Rose Queen**

**Yellow**

**White**

**Orange Sherbet.** Orange petals striped and flushed scarlet.

**Florists' Mixture.** Special mixture of the best colors.

Any of above, tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75

CARNATION,  
Chabaud's  
Giant  
Improved  
Strain



## CARNATIONS, continued

**Giant Malmaison, J. M. Bridgeford.** A superb mixture. Blooms freely all summer; 16 to 20 in. Tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75.

**Baby Mixed.** Fine new annual for bedding and plant sales. Dainty double flowers, profusely borne. Tr. pkt. 60c, 1/8oz. \$1.25, 1/4oz. \$2.35.

**Grenadin.** See perennial types, page 25.



CELOSIA, Pampas Plume

## CELOSIA

29,400 S; 65° to 70° F.; 1 to 2 weeks; Mar. 15

**Toreador.** All-America Selection, 1955. Lustrous bright red. For garden display, cutting and drying for winter arrangements. 18 to 20 in. Tr. pkt. 75c, 1/4oz. \$2.00, oz. \$6.00.

**Improved Cristata** (Dwarf Cockscomb).

**Dwarf Golden Yellow.**

**Fireball.** Bright scarlet.

**Rose.** Bright rose-pink.

**Finest Mixed.** Very dwarf strain.

Any of above, tr. pkt. 40c, 1/8oz. \$1.40

**Cristata** (Semi-Dwarf Cockscomb).

**Red and Gold.** Unique golden yellow striped with red. 15 in. Tr. pkt. 50c, 1/8oz. \$1.50.

**Giant Plumosa.** 43,500 S. (New.) 2 1/2 ft.

**Crimson Fleece.** Bright crimson; dark foliage.

**Forest Fire Improved.** An improvement over the original. Earlier flowered, dwarfer, with much larger plumes in a more glistening orange shade.

**Golden Fleece.** Golden yellow spikes.

**Pampas Plume.** Many new colors. A distinct mixture.

Any of above, tr. pkt. 40c, 1/8oz. 65c, 1/4oz. \$1.20

**Dwarf Plumosa.** Feathery type, base branching.

**Lilliput, Fire Feather.** Glowing scarlet.

**Lilliput, Golden Yellow.** Bright yellow.

**Dwarf Feather Mixture.**

Any of above, tr. pkt. 30c, 1/8oz. 70c, 1/4oz. \$1.30



## CELOSIA, continued

**Cristata nana, Dwarf Firebrand.** Uniformly dwarf. Large, scarlet-crimson comb.  
**Cristata nana, Kardinal.** Large, brilliant cardinal-red combs. 8 in.  
**Either of above, tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.85**

## CENTAUREA

6050 S; 65° to 70° F.; 1 to 3 weeks

**Super-giant Cyanus** (Cornflower). Long-stemmed, large flowers and fully double strains.

**Blue Boy      Pinkie      Red Boy      Snowman**

**Any of above, tr. pkt. 25c, 1/2oz. 40c, oz. 65c, 1/4lb. \$2.20**

**Dusty Millers.** The silvery white, fern-like leaf types are much used for borders, combinations and cemetery urns.

7500 S; 65° to 70° F.; 3 to 4 weeks; Dec. and Jan.

**Candidissima.** 6 in. A slow grower. Must be started early. Leaf type fine fern-like. Tr. pkt. 60c, 1/4oz. \$1.25, oz. \$3.75.

**Gymnocarpa.** Silver-leaved, strong-growing fern leaf. Tr. pkt. 25c, oz. 90c.

**Maritima, Diamond.** 10 in. Leaf type nearly white, fern-like. Tr. pkt. 25c, 1/4oz. 50c.

## CINERARIA

200,000 S; 65° to 70° F.; 2 to 3 weeks

**Dwarf Erfurt.** Ideal for small pots. Grows 8 to 10 in. tall and 10 to 12 in. in diameter. The last word in Cinerarias. Tr. pkt. \$1.50.

**Cremer's Prize Strain.** Tr. pkt. \$1.50, 1/4oz. \$2.25.

**Siter's Rainbow Strain.** Tr. pkt. \$1.50, 1/4oz. \$2.50.

**Cremer's & Siter's.** Mixture of equal proportions of these leading strains. Tr. pkt. \$1.50, 1/4oz. \$2.50.

**Festival.** Bushy, compact, small-leaved strain. Medium-sized heads and mostly white-eyed flowers in a brilliant color range. 1/2tr. pkt. \$1.75, tr. pkt. \$3.00, 1/4oz. \$4.50.

## CLEOME (Spider Plant)

22,500 S; 65° to 70° F.; 1 to 2 weeks; Mar. 1

**Helen Campbell.** Pure white. Tr. pkt. 50c, 1/4oz. 90c, oz. \$1.50.

**Pink Queen.** Soft pink. Tr. pkt. 35c, 1/4oz. 55c, oz. \$1.90.



COLEUS, German's Rainbow Mixture

## COLEUS

100,000 S; 70° to 80° F.; 2 to 3 weeks; Nov. through Jan.

**German's Rainbow Mixture.** Extremely fine strain of small to medium-leaved Coleus, with a wide range of striking and pastel colors. We are certain that we have the most brilliant strain available and challenge comparison. 1/2tr. pkt. \$1.00, tr. pkt. \$1.75, 1/4oz. \$2.25, 1/2oz. \$4.15.

**Rainbow Strain, Regular Mixture.** Tr. pkt. 75c, 1/2oz. \$1.80, 1/4oz. \$3.25.

**Fringed Leaved.** Has a high percentage of fringed leaves with bright colors. Medium leaved. 1/2tr. pkt. 90c, tr. pkt. \$1.50, 1/4oz. \$2.10.

**Separate Colors from Seed, Small-leaved** (85 to 95% true to type). We are offering twelve distinct, separate colors from seed in the small-leaved class, making it no longer necessary to grow separate colors from cuttings. Plant habits are dwarf and base-branching.

**Autumn Brilliancy.** Solid salmon-pink.

**Autumn Glow.** Salmon-pink edged with spotted green.

**Autumn Splendor.** Coppery red with deep golden border.

**Color Pride.** Bright amaranth-red, edged green.

**Creamy White Edged Green (Candidum)**

**Red Shades.** Deep mahogany-red and carmine-rose edged green.

**Red Velvet.** Brilliant blood-red.

**Rose Shades.** Beautiful bright rose.

**Salmon Rainbow.** Delicate salmon-pink.

**Yellow Edged Green.** Golden yellow with dark green edging.

**Large-leaved**

**Mixed Colors.** Formula mixture of six colors.

**Any of above, 1/2tr. pkt. \$1.25, tr. pkt. \$2.00, 1/4oz. \$3.00**

## COSMOS

5500 S; 65° to 70° F.; 1 to 2 weeks

**New Early Sensation.** Full color range, blooming two weeks earlier. Tr. pkt. 30c, 1/4oz. 55c, oz. \$1.75.

## CYCLAMEN

**Bonfire.** Brilliant salmon.

**Bright Red.**

**Perle of Zehlendorf.** Dark salmon color.

**Pure White.**

**Rose of Zehlendorf.** Light salmon color.

**Saffron-Red, Silver Edged.**

**White with Carmine Eye.**

**Mixture of Above Colors.**

**New Ruffled Mixed.** Complete mixture of new types.

**Any of above, \$2.50 per 100, \$20.00 per 1000  
250 of a variety at 1000 rate**

## CYNOGLOSSUM

5000 S; 65° to 75° F.; 2 to 3 weeks

**Firmament.** 18 in. Clear blue flowers. Excellent bedder; stands hot dry weather. Tr. pkt. 25c, 1/4oz. 45c, oz. \$1.35.

## DATURA (Angels Trumpet)

2000 S; 65° to 75° F.; 2 to 3 weeks

**Mixed Colors.** Choice mixture of this popular large, trumpet-like flower. Tr. pkt. 30c, 1/4oz. 65c, oz. \$1.00.

## DIANTHUS

23,100 S; 65° to 70° F.; 2 to 3 weeks

**Heddewigi laciniatus, Double Gaiety.** A full double form in all carnation shades. Tr. pkt. 35c, 1/4oz. 75c, oz. \$2.50.

**Heddewigi, Single Brilliant Mixed.** Large blooms, all beautifully zoned. Tr. pkt. 35c, oz. \$2.50.

**H. G. GERMAN, 103 Bank Street, Smethport, Penna.**





DAHLIA, Unwin's Ideal Bedding

## DAHLIA

4060 S; 65° to 70° F.; 2 to 3 weeks; late Jan. For 4 and 5-in. plants for Mother's Day, sow Dec. 1

Easily raised from seed, Dahlias bloom profusely the same year sown. For small plant sales and combinations sow January 15. Tubers can be dug in fall and replanted, a sales item in selling to home gardeners. If sown in early December and pinched back, makes an excellent pot plant for Mother's Day.

### Dwarf Varieties

**Coltness Strain.** 18 in. Single, dwarf, free flowering. Tr. pkt. 25c, 1/4oz. 50c, oz. \$1.75.

**German's Dwarf Double and Semi-Double Hybrids.** An Improved Unwin. Tr. pkt. 50c, 1/4oz. 90c.

**Unwin's Ideal Bedding.** Dwarf, compact habit. Bright-colored. Profuse, double and semi-double flowers. Tr. pkt. 30c, 1/4oz. 80c, oz. \$2.50.

### Tall Varieties

**Select Large-flowered Decorative.** Best mixture of doubles and semi-doubles.

**Extra Double Cactus Hybrids Mixed.**

Either of above, tr. pkt. 50c, 1/4oz. \$4.00

## DRACAENA

1000 S; 65° to 75° F.; 5 to 7 weeks; Dec. and Jan. (takes 14 to 18 months)

**Indivisa.** Tr. pkt. 20c, oz. 55c, 1/4lb. \$1.65, lb. \$5.50.

## GLOXINIA

800,000 S; 65° to 75° F.; 2 to 3 weeks

Sow in January for blooming plants in 4-in. pots during June and July. Gloxinia seed is very fine and must be carefully handled.

### Berlin or Gierth's Strain

**Berlin Red.** Blood-red.  
**Berlin Blue**

**Berlin White**  
**Berlin Mixed**

**Emperor William.** Dark violet bordered white.

**Friedrich.** Brilliant scarlet with white throat.

**Panzer Scarlet.** Beautiful velvety scarlet.

**Switzerland.** Scarlet with white border.

**Tigrinia.** Tigered and spotted.

**German's Special Mixture.**

Any of above, tr. pkt \$1.25, 6 tr. pkts. \$6.00

## GAILLARDIA (Blanket Flower)

9550 S; 65° to 70° F.; 2 to 3 weeks; Mar. 15

**Gaiety Mixed.** Bright-colored double mixture. Tr. pkt. 20c, 1/4oz. 50c, oz. \$1.50.

## GOMPHRENA

10,150 S; 65° to 75° F.; 2 to 3 weeks; Feb. or Mar.

**Buddy.** Dwarf plants with small, ball-shaped, bright reddish purple flowers. Excellent for borders and combinations.

**Cissy.** New pure white companion to Buddy.

**Dot and Dash.** Formula blend of dwarf Buddy and Cissy. Makes a striking border plant.

Any of above, tr. pkt. 60c, 1/4oz. \$1.00, oz. \$3.00

### Tall

**Rubra.** 2 ft. Bright reddish purple.

**Mixture.** 2 ft. Purple, silvery white, pink and orange.

Either of above, tr. pkt. 30c, 1/4oz. 50c, oz. \$1.50



GOMPHRENA, Cissy

## GREVILLEA (Silk Oak)

3000 S; 65° to 75° F.; 2 to 3 weeks; Aug. and Sept.

**Robusta.** Popular foliage plant used with Poinsettias. Tr. pkt. 40c, 1/4oz. \$1.35, oz. \$4.00.

## GYPSOPHILA

34,000 S; 60° to 70° F.; 1 to 2 weeks

**Covent Garden Market.** Large, white, full-petaled flowers. Oz. 30c, 1/4lb. 75c, lb. \$2.50.

**Elegans grandiflora, London Market.** Oz. 30c, 1/4lb. 85c, lb. \$2.50.

## HELIOTROPE

53,000 S; 65° to 75° F.; 3 to 4 weeks; Mar. 1

**Dwarf Regale Mixture.** Fragrant strain, 15 in. tall. An excellent variety with large, lavender-violet flower heads. Tr. pkt. 40c 1/4oz \$1.00.

## IPOMOEA (Moonflower or Morning-Glory)

675 S; 65° to 70° F.; 1 to 3 weeks (soak seeds); Feb. through Mar.

**Clarke's Heavenly Blue.** Tr. pkt 25c, oz. 75c.





IMPATIENS, Ice Crystals

## IMPATIENS

70,000 S; 65° to 75° F.; 2 to 3 weeks; Jan. 1 for Mother's Day, Feb. 1 for June 1

Ideal for bedding in shady places. Excellent for spring combinations if sown February 1. Easily grown. To germinate, make drills in flat, sow seed but do not cover seed; place glass on flat and put on heat pipe.

### Sultanii nana

**Bright Rose.** Deep rose. Compact habit. Tr. pkt. \$1.50, 1/32oz. \$3.50, 1/16oz. \$6.50, 1/8oz. \$12.00.

**Dwarf Orange Baby.** New extra-dwarf, flat-growing variety of bright orange color. Tr. pkt. \$1.50, 1/32oz. \$3.50, 1/16oz. \$6.50, 1/8oz. \$12.00.

**Dwarf Scarlet Baby.** A bright scarlet counterpart to above, with the same plant habits. Tr. pkt. \$1.50, 1/32oz. \$3.50, 1/16oz. \$6.50, 1/8oz. \$12.00.

**Ice Crystals.** Pure white. Dwarf and compact. Tr. pkt. \$2.50, 1/32oz. \$7.50, 1/16oz. \$12.00.

**Pinkie.** Bright coral-pink. Tr. pkt. \$1.50, 1/32oz. \$3.50, 1/16oz. \$6.50, 1/8oz. \$12.00.

**Nana Mixed.** Contains all the above colors and many others. Tr. pkt. 85c, 1/16oz. \$1.50, 1/8oz. \$4.50, 1/4oz. \$13.50.

## KALANCHOE

900,000 S; 65° to 75° F.; 1 to 2 weeks. Sow Jan. for 4 and 5-in. plants for Christmas. Shade with black cloth by Sept. 1 for 6 weeks. June sowing, use 2 seedlings in 2 1/2-in. pot for winter plants.

**Ernst Thiede.** Very dwarf, compact growth. Glowing red.  
**Tom Thumb.** Very dwarf. Short flowering stems form just above foliage.

Either of above, tr. pkt. \$1.50, 1/128oz. \$3.00

## KOCHIA (Summer Cypress)

30,800 S; 65° to 75° F.; 1 to 2 weeks; Apr. 15 to May 1

**Childsii.** Very attractive bush; stays clean fresh green. Tr. pkt. 15c, oz. 50c.

**IMPATIENS.** One of the best items that you can grow for bedding, also make appealing pot plants. Under partial or complete shade conditions plants are covered with a mass of blooms until frost.

## ANNUAL LARKSPUR

9410 S; 55° to 65° F.; 3 to 4 weeks

### Giant Imperial or Base Branching Supreme Class

New strain of tall-growing, base-branching, upright plants with huge central spike. Fully double flowers in outstanding new colors.

**Dark Blue.** Rich violet-purple.

**Supreme Light Blue.** Beautiful soft azure-blue. The best light blue

**White.** Best pure white available.

**Supreme Mixture.** Formula mixture of above and additional colors.

Any of above, tr. pkt. 40c, 1/2oz. \$1.00, oz. \$1.80,  
1/4lb. \$6.00, lb. \$18.00

### Regal Larkspur

**Regal Deep Carmine.** Richer than Carmine King.

**Regal Pink.** Brilliant pink on salmon.

**Regal Rose.** Long-stemmed, true rose.

**Regal Salmon-Rose.** Rich salmon.

**Regal White.** Pure white.

**Finest Mixed.** Mixture of many colors.

Any of above, tr. pkt. 40c, 1/2oz. \$1.00, oz. \$1.80, 1/4lb. \$6.00, lb. \$18.00

## LOBELIA

910,000 S; 60° to 70° F.; 2 to 3 weeks; Jan. through Feb.

Very popular bedding and combination plants, unsurpassed for bright blue edging. Sow not later than February 1.

### Compacta

**Cambridge Blue.** Light blue.

**Crystal Palace.** Deep blue. Dark foliage.

**Emperor William.** Gentian-blue. Green foliage. Better than Blue Gown.

**Mrs. Clibran Improved.** Deep blue with white eye. Dark foliage.

**Rosamond.** Deep carmine with white eye. Tr. pkt. 40c, 1/8oz. \$1.25.

**White Lady.** Pure glistening white.

Any of above, except as noted, tr. pkt. 40c, 1/4oz. \$1.25, oz. \$3.75

### Pendula or Trailing

**Sapphire.** Deep blue with white eye. Tr. pkt. 40c, 1/4oz. \$1.20.

## ANNUAL LUPINE

1300 S; 65° to 75° F.; 2 to 3 weeks

**Giant King.** Makes nice spring cut-flower crop in either 3-in. pots or flats from a January sowing.

**Oxford Blue.** Deep blue.

**Sky-Blue.**

**White.** Pure white.

Any of above, tr. pkt. 35c, oz. \$1.00

## MARIGOLDS

8000 S; 65° to 70° F.; 1 to 2 weeks; Mar 1 to 15

### GIANT AMERICAN F<sub>1</sub> HYBRIDS

**Toreador.** All-America Award Winner for 1960. Deep golden orange blooms, averaging 3 to 3 1/2 in. Bushy plants reach about 3 ft. high. Very productive and early to bloom.

**Yellow Climax.** Bright yellow blooms, up to 5 in. across. Plants 2 1/2 to 3 ft. high, covered with an abundance of flowers.

**Orange Climax Improved.** Brilliant orange flowers. Same size and habit as above.

**Climax Mixed.** Mixture of yellow, orange and gold (Toreador).

Any of above, tr. pkt. \$1.00, 1/16oz. \$3.50, 1/8oz. \$6.50, 1/4oz. \$12.00, oz. \$45.00



## MARIGOLDS, continued

### FOR CUTTING—CARNATION-FLOWERED

**Burpee Gold Improved.** Orange; odorless.

**Man-in-the-Moon.** Pale moon-yellow.

**Yellow Supreme.** Dazzling lemon.

**Treasure Chest.** Well-blended mixture.

Any of above, tr. pkt. 35c,  $\frac{1}{4}$ oz. 55c, oz. \$1.75

**Crackerjack.**® (New.) Distinctly earlier than any other giant-flowered type. All colors known to Giant Marigolds. Blooms 4 to 6 in. in diameter, 30 to 36 in. tall. Tr. pkt. 40c,  $\frac{1}{4}$ oz. \$1.00, oz. \$3.00.

®Registered trade mark of Bodger Seeds, Ltd.

### CHRYSANTHEMUM-FLOWERED

**Orange Clown.** African type. Rich deep orange collarette type. Very early and free flowering. Absolutely odorless. Flower is  $2\frac{1}{2}$  to 3 in. across. Height  $2\frac{1}{2}$  ft. Tr. pkt. 35c,  $\frac{1}{4}$ oz. 85c, oz. \$3.00.

**Early Sunshine.** Bright lemon-yellow.

**Goldsmith.** Golden orange.

**Mammoth Mum.** Light sulphur-yellow. Largest flowered.

**Orange Mum.** (New.) Vivid rich orange. Very large.

**Choice Mixture.** A formula mixture of the above colors.

Any of above, tr. pkt. 35c,  $\frac{1}{4}$ oz. 55c, oz. \$1.75

**EARLY SEMI-DWARF FLOWERED.**  $1\frac{1}{2}$  to 2 ft., with  $2\frac{1}{2}$  to 3-in. blooms. Very early.

**Golden Crown.** Beautiful glowing yellow,  $3\frac{1}{2}$  to  $4\frac{1}{2}$ -in. blooms on plants growing about 20 in. high. Extremely early.

**Honeycomb.** Glowing orange.

**Mixture.** Extremely bright mixture of Golden Crown, Happiness and Honeycomb.

Any of above, tr. pkt. 35c,  $\frac{1}{4}$ oz. 85c, oz. \$3.00

### DWARF FRENCH DOUBLES

9000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 for early Apr., Mar. 1 for June 1

#### Petite Marigolds ®

#### All-America Award Winners for 1958

This new class of Extra Dwarf Doubles has received the award because it fills a much-felt need for extra-dwarf, very early, uniformly even and extremely floriferous varieties for flat sales, borders, bedding, combinations and mass effects.

**Petite Gold.** Pure golden yellow.

**Petite Orange.** Dwarfier, truer and more prolific than Sunkist.

**Petite Harmony.** Uniform, dwarf, early bloomer. Maroon collar with bright orange crest.

**Petite Spry.** Extremely uniform, dwarfier, more floriferous and richer colored than Dwarf Spry. Deep mahogany-red collar with gold crest.

**Petite Yellow.** Extremely uniform, clear strong yellow. Dwarf and prolific.

**Petite Mixed.** Four colors mixed in equal proportions.

Any of above, tr. pkt. 45c,  $\frac{1}{4}$ oz. 75c, oz. \$2.25,  $\frac{1}{4}$ lb. \$6.75

**Special Collection: 1 tr. pkt. of each of above 5 colors and mixture (6 pkts.) for \$2.25.**

®Registered trade mark of Denholm Seed Co.

**Spun Gold.** All-America Award Winner for 1960. Just what growers have been looking for, only 10 to 12 in. high. The bushy plants are early bloomers. Fully double, mum-flowered and golden yellow. It is larger flowered and much earlier than the Cupids. Tr. pkt. 85c,  $\frac{1}{8}$ oz. \$1.50,  $\frac{1}{4}$ oz. \$2.50, oz. \$7.50,  $\frac{1}{4}$ lb. \$22.50.

### Dwarf French Doubles, continued

**Color Magic.** Bright and interesting color mixture. Large flowers. Very uniform habit.

**Firetail.** A most striking color combination. Golden orange petals and tufted center, with reddish scarlet markings shooting through them from the base of the bloom.

**Lemon Drop.** Sparkling lemon-yellow. An improved yellow Pygmy with larger, fully double flowers.

**New Extra Dwarf Harmony.** Maroon collar, bright orange center.

**Primrose Gem, Extra Dwarf.** (New.) Rich primrose-yellow blooms 2 to  $2\frac{1}{2}$  in. in diameter, on compact plants 9 to 12 in. tall.

**Rusty Red.** Large, fully double, red flowers. Free blooming.

**Spry.** Dark red petals and golden crest.

**Sunkist.** Deep golden orange.

**Tangerine.** Very double, large, tangerine-orange blooms.

**Spry Hybrids Mixed.** True dwarf habit in a complete range of colors and flower types.

Any of above, tr. pkt. 35c,  $\frac{1}{4}$ oz. 55c, oz. \$2.00,  $\frac{1}{4}$ lb. \$6.00

### CUPID VARIETIES

**Cupid Golden.** (New.) A rich golden color.

**Cupid Yellow.** Dwarf; 8 in. Primrose-yellow, chrysanthemum-like flowers,  $2\frac{1}{2}$  to 3 in. across.

**Cupid Orange.** (New.) True strain of orange.

**Cupid Mixed.** Various shades of orange, primrose and yellow.

Any of above, tr. pkt. 50c,  $\frac{1}{8}$ oz. 90c,  $\frac{1}{4}$ oz. \$1.75, oz. \$5.00

### DWARF FRENCH SINGLES

10,000 S; 60° to 70° F.; 1 to 2 weeks; Feb. 1 for early Apr., Mar. 1 for June 1

The Dwarf French Marigolds are excellent for spring flat sales, combination work, bedding and borders.

**Brownie.** (New.) Rich mahogany-red with bright yellow crest. A dwarf, bushy plant. Very early blooming.

**Dainty Marietta.** Very early and compact. Brighter yellow than Naughty Marietta. Excellent for flat sales and borders.

**Naughty Marietta.** Freely produced, single, golden yellow flowers with attractive dark red eyes. 12 in.

**Ruffled Red.** Beautifully ruffled mahogany-red, edged gold.

**Sunny.** Clear yellow. Profuse blooming habit.

**Spanish Flag.** Fine mixture of the single varieties.

Any of above 6 varieties, tr. pkt. 30c,  $\frac{1}{4}$ oz. 50c, oz. \$1.75



MARIGOLD, Dainty Marietta



## MARIGOLDS, continued

### DWARF GIGANTEA. 18 to 20 in.

**Dwarf Gigantea, Pot o'Gold.** Deep golden orange, sweet-scented flowers 4 to 4½ in. in diameter. Free flowering, neat and compact. Tr. pkt. 25c, ¼oz. 50c, oz. \$1.75.

### TAGETES SIGNATA PUMILA

**Golden Gem.** (New.) Same habit as Lulu but bright orange.

**Lulu.** (New.) Bright yellow. Compact, ball-shaped plant about 7 in. high.

Either of above, tr. pkt. 35c, ⅓oz. 70c, ¼oz. \$1.25

## NICOTIANA

239,000 S; 65° to 70° F.; 1 to 2 weeks; Apr. 15

**Daylight White.** White; large flowered. 36 in. tall

**Daylight Sensation Mixed.** (New.) Blooms remain open during daytime. Brilliant range of colors.

Either of above, tr. pkt. 40c, ¼oz. \$1.00

## NIEREMBERGIA

182,900 S; 70° to 75° F.; 2 to 3 weeks; Dec. and Jan.

**Hippomanica.** Light lavender. Old type becoming very popular again for use in cemetery urns, hanging baskets, etc., because of its trailing habit.

**Purple Robe.** Unusually attractive for combination work and bedding.

Either of above, tr. pkt. 50c, ⅓oz. \$1.00, ½oz. \$1.75

## PANSY

21,700 S; 65° to 70° F.; 2 to 3 weeks; late Dec.

Early January sowing will make attractive plants to sell in the spring. We have been specializing in Pansy seed for a number of years and we list below the leading varieties for the average florist. Roggli's seed is the finest strain in the world, with rich colors and huge flowers. Petals have a texture that makes this strain outstanding.

**German's New Winter-flowering.** A new development; large flowering. Butterfly type in size, color and shape. Often measures 3 in. across. Very tall growing with long stems. Mostly delicate colors. Tr. pkt. \$1.50, ⅓oz. \$3.75, ½oz. \$7.25.

**Clear Crystals.** Early, medium large blooms. Clear colors without blotches—very bright blues, oranges, reds, etc., artistically blended. Tr. pkt. \$1.00, ¼oz. \$2.50, oz. \$7.50.

**Pacific Giant Hybrid, Color Carnival.** Exceptionally large blooms on plants that plainly show their vigor. A remarkable accomplishment in bloom size and color. Predominantly red and wine shades. Tr. pkt. \$1.50, ⅓oz. \$3.75, ½oz. \$7.00, ⅓oz. \$12.00, oz. \$22.00.

**Roggli's Elite Mixture.** (Originator.) Finest mixture of bright attractive colors. Especially recommended for its large flowers and uniformity in color and habit. The best strain of Swiss Giant Pansy obtainable anywhere. Tr. pkt. \$1.50, ⅓oz. \$3.75, ½oz. \$7.00, oz. \$22.00.

**Canadian Giants.** A selection of extra-large Maple Leaf Giants. ¼oz. \$3.10, ⅓oz. \$5.50, oz. \$10.20.

**Eureka, Early-flowering Swiss Giant.** Large, bright-flowering mixture of the Swiss Giant class, earlier to bloom by about 10 days. A "must" for early sales. Tr. pkt. 75c, ¼oz. \$3.15, ⅓oz. \$5.75, oz. \$10.50, ¼lb. \$36.00.

**German's Special Swiss Giants.** (New.) This new mixture has very large flowers in an excellent range of colors. It brought many favorable remarks in our trials. Tr. pkt. 75c, ¼oz. \$3.15, ⅓oz. \$5.75, oz. \$10.50, ¼lb. \$36.00.



PANSY,  
Early-flowering  
Swiss Giant, Eureka

## PANSIES, continued

**Swiss Market or Florist's Strain.** This is a new mixture with large flowers and an outstanding range of colors, for your select trade. Tr. pkt. 75c, ⅓oz. \$1.40, ¼oz. \$2.75, oz. \$9.00.

**Waller-Franklin Formula Mixture of Swiss Giants.** The outstanding American strain. ¼oz. \$3.50, oz. \$12.00.

### SWISS GIANTS IN SEPARATE COLORS

**Alpenglow.** Rich garnet-red.

**Berna.** Dark velvet without eye.

**Blumlisalp.** Pink-carmine.

**Coronation Gold.** The finest clear yellow.

**Firebeacon.** Brick-red.

**Lake of Thun.** Blue with dark blue blotches.

**Pay Dirt.** Largest golden yellow with dark rays.

**Pure White.**

**Raspberry Rose.** A lovely pink with a deep velvety blotch.

**Rhinegold.** Yellow with deep brown blotch.

**Super Beaconsfield.** Beautiful blue, lower petals shading to white, flushed lilac on the upper petals.

Any of above separate colors, tr. pkt. 80c, ⅓oz. \$1.85, ¼oz. \$2.90, oz. \$9.00



## DOUBLE PETUNIAS

250,000 S; 65° to 70° F.; 1 to 2 weeks; sow in Nov. for Easter, from then to Mar. for different sizes for June

**German's Special All-Double Mixture.** This is our own mixture from the best varieties. It is carefully blended from the best colors of Pan-American, Canadian and Sakata strains. All are large flowered and a high percentage are fringed. Our careful blending assures you of the finest range of bright-colored, dwarf, compact plants. Tops in popularity wherever grown. Because it is mixed from separate colors, the price is in line with those varieties.  $\frac{1}{2}$ tr. pkt. \$2.50, tr. pkt. \$4.25,  $\frac{1}{128}$ oz. \$8.00,  $\frac{1}{64}$ oz. \$15.25.

### PAN-AMERICAN ALL-DOUBLES

In our opinion the most outstanding strain of Double Petunias offered today. Plants branch freely, are sturdy, compact, free flowering and the flowers are large and deeply fringed.

**Allegro Improved.** This outstanding variety has been greatly improved. Deep salmon, dwarf, giant fringed. A lovely new color.

**Caprice Improved.** Beautiful, deeply fringed bright rose flowers on dwarf compact plants. The best double rose obtainable.

**Minuet.** Now vastly improved. We have found this to be the most suitable orchid for pots or bedding.

**Nocturne.** Deep midnight-purple flowers, very large. This strain has been much improved since first introduced.

**Presto.** (New.) Large, fully double flowers of rich bright rose and pure white. We prefer this to Gaiety, because the color is richer.

**Rhapsody.** Deep Burgundy-wine-purple, huge fringed flowers; very uniform. Dwarf, vigorous, free branching. The finest in its color class. Try it.

**Sonata.** The best double white ever offered to the trade. Very large flowering and deeply fringed. No semi-doubles.

**Any of above,  $\frac{1}{2}$ tr. pkt. \$2.75, tr. pkt. \$4.50,  $\frac{1}{128}$ oz. \$8.50,  $\frac{1}{64}$ oz. \$16.00**

**Glorious Mixture.** Contains six separate colors in the following amounts: Allegro 2 %, Caprice 35%, Minuet (lavender) 5%, Nocturne 5%, Rhapsody 10%, Sonata 20%. 500 seeds \$2.25, 1000 seeds \$4.00,  $\frac{1}{128}$  oz. \$7.50,  $\frac{1}{64}$ oz. \$14.50.

### CANADIAN ALL-DOUBLES

**Cotton Candy.** A really outstanding, heavily fringed variety of exquisite form. Light salmon.

**Rose of Canada.** Fully double, bright medium to deep rose flowers about 3 in. in diameter. Compact, bushy plants.

**Canadian Mixture, Improved.** (100% double.) Improved by adding separate colors. Plants are uniformly dwarf, but vigorous and base branching.

**Any of above,  $\frac{1}{2}$ tr. pkt. \$2.50, tr. pkt. \$4.00,  $\frac{1}{128}$ oz. \$7.60,  $\frac{1}{64}$ oz. \$14.45,  $\frac{1}{32}$ oz. \$28.00**

**All-Double America.** (New Strain.) Deep rose, medium-sized, very double, rose-like flowers completely cover the plants.  $\frac{1}{2}$ tr. pkt. \$1.35, tr. pkt. \$2.50,  $\frac{1}{128}$ oz. \$4.50,  $\frac{1}{64}$ oz. \$8.00.

### SAKATA'S ALL-DOUBLE DWARF (VICTORIOUS) FRINGED

**Gaiety.** An old favorite, dwarf type in rose or light rose, red and white. Flowers  $3\frac{1}{2}$  to 4 in. in diameter. A wonder for combination work.  $\frac{1}{2}$ tr. pkt. \$2.25, tr. pkt. \$4.00,  $\frac{1}{128}$ oz. \$6.50,  $\frac{1}{64}$ oz. \$12.00,  $\frac{1}{32}$ oz. \$22.00.

**Blue Brocade.** Well-known, true violet-blue, fringed flowers  $3\frac{1}{2}$  to 4 in. in diameter, are borne on 10-in. plants.

**Blue Monarch.** Deep purple. An improved Blue Brocade.

**Purple Queen.** Large, well fringed, full double. Rich wine-purple. 9 to 12 in. high.

**Rosy Carmine Reselected (World Beauty or Pink Perfection).** This improved variety has a brighter rose color and is more uniform in growth. 10-in. plants with 4-in. blooms. A "must" for pot-plant growers.

**White Swan.** The largest all-double white. Fully  $4\frac{1}{2}$  in. in diameter, beautifully fringed.

**Dwarf Giant (Victorious) Mixed.** We add separate colors to the originator's mixture to give you a better color range.

**Any of above,  $\frac{1}{2}$ tr. pkt. \$2.25, tr. pkt. \$4.00,  $\frac{1}{128}$  oz. \$6.50,  $\frac{1}{64}$ oz. \$12.00,  $\frac{1}{32}$ oz. \$22.00**

## PETUNIAS

250,000 S; 65° to 70° F.; 1 to 2 weeks; sow in Nov. for Easter, from then to Mar. for different sizes for June

### NEW F<sub>1</sub> HYBRIDS OR LARGE-FLOWERED TYPES

Try these new types and see the difference. They are uniform, vigorous, freer in bloom and show color earlier and more uniformly.

#### F<sub>1</sub> Hybrid, Single Grandiflora

250,000 S; 65° to 75° F.; 1 to 2 weeks; Jan. 15 to Mar. 1

**Blue Lustre.** Flowers are a deep velvety blue; as they mature, they develop a rich red undertone. 12 in. high and spreads to 24 in. at end of season. Never a pause in flower production.

**Scarlet Lustre.** Vivid scarlet blooms with waved and fringed petal edges and bright yellow throat. Unlike earlier attempts in this color, Scarlet Lustre is sturdy, profuse of bloom and resists botrytis.

**Either of above,  $\frac{1}{2}$ tr. pkt. \$1.75, tr. pkt. \$3.00,  $\frac{1}{128}$ oz. \$5.50,  $\frac{1}{64}$ oz. \$10.00,  $\frac{1}{32}$ oz. \$19.00,  $\frac{1}{16}$ oz. \$36.00,  $\frac{1}{8}$ oz. \$69.00**

**Ballerina.** All-America Winner for 1952. Soft glowing salmon. Dwarf, compact and vigorous.  $3\frac{1}{2}$  to 4-in. blooms. Excellent for pots; outstanding for gardens.

**Blue Lace.** Heavily fringed, 3-in., wide-throated flowers are light blue, heavily netted and veined with deep violet-blue.

**Blue Magic.** (New.) Beautiful violet-blue with light throat, 3 in. in diameter. Dwarf, compact, extra vigorous, easily grown. The most outstanding deep blue in any of the trials observed. Should be on every grower's list.

**Crusader.** Large, fringed rose-pink-on-white variegation. The sharp contrast in color makes this variety very attractive.

**Fire Dance.** All-America Winner for 1956. Large Fringed Grandiflora. Very brilliant tango-red with rich golden throat. Highly recommended.

**La Paloma Improved.** (New.) Pure white blooms with well-fringed petal edges and yellow throat. More dwarf and profuse blooming than White Magic. The most beautiful white we have ever grown.

**Maytime.** All-America Winner for 1958. The largest flowering ruffled and fringed Petunia. Flowers are a stunning rosy salmon-pink,  $3\frac{1}{2}$  in. and over in diameter. Plants grow only 12 in. high. This new Petunia holds up well in rain or heat and is continuously covered with flowers.

See price on page 16



## PETUNIAS, continued

### New F<sub>1</sub> Hybrids or Large-Flowered, continued

**Pink Desire.** Clear bright pink. Large, ruffled blooms on compact uniform plants. Early and non-fading.

**Pink Magic.** Early, free flowering, smooth bright pink. Popular for pots, combinations and bedding.

**Prima Donna.** All-America Selection for 1954. This new variety has the same growing and flowering habits as Ballerina. Bright rose-pink with well-fringed, 3½ to 4-in. blooms.

**Rose Veil.** (New.) Illustrated in color on inside front cover. A distinct new color—white or blush-pink with fine rose veins. Large, fringed flowers freely produced on dwarf, vigorous plants. Unexcelled for pots and combinations. A good bedder.

**Sabre Dance.** (New.) Startling new color combination, bright maroon with white star. Extra-large, ruffled blooms 4½ in. in diameter. Extremely prolific and vigorous.

**Sarong.** Large, fringed, bright deep salmon-scarlet with white variegation. Dwarf, compact habit; extremely free flowering. All visitors remarked about this beautiful new variety.

**Tango.** Deep salmon-scarlet. Dwarf fringed. More vigorous than the Erfurts; freer blooming.

**Toreador.** (New.) Bright deep velvety crimson-red. The best crimson Grandiflora yet, in color, size and habit. Huge, slightly ruffled blooms 4 in. in diameter. Uniformly dwarf and prolific, with clean dark green foliage.

**White Magic.** Pure white ruffled Grandiflora blooms. Dwarf compact habit.

**Florists' Mixture** (Ballet). Contains all the above colors in well-blended proportions, plus many new shades.

Any of preceding, ½tr. pkt. \$1.35, tr. pkt. \$2.50, 1/128oz. \$4.50, ¼oz. \$8.00, ⅓oz. \$15.50, ½oz. \$29.00, ⅞oz. \$56.00, 1oz. \$106.00

**Blue Mantle.** Rich velvety violet-blue. Very uniform in its dwarf habit. Our trial did not show any white variegation. Very early blooming. We believe this to be the best large-flowering violet-blue ever introduced.

**Bonfire.** Dazzling bright salmon-scarlet with golden throat. Florets 3 in. in diameter are profusely borne on dwarf compact plants. Very early blooming.

**Flirt.** Clear pink. A dwarf, compact grower about 8 in. tall, completely covered with 3½-in. blooms. The best bloomer in our trials.

**Dwarf Snow Cap.** Pure white flowers similar to Popcorn but 100% Grandiflora. Vigorous, free-blooming plants. The largest flowering white available.

**Minstrel.** Large 3-in. flowers. White marked with rich blue. Dwarf, compact habit. Extremely uniform in habit and marking.

**Snow Lady.** Heavily fringed, very large white blooms. Dwarf, vigorous growth and early-blooming habit make this variety one of the best whites.

**Velvet Robe.** Bright purple, the newest color in hybrid Petunias. 100% Grandiflora. Extremely compact; profuse blooming habit.

Any of above, ½tr. pkt. \$1.00, tr. pkt. \$1.75, 1/128oz. \$3.50, ¼oz. \$6.50, ⅓oz. \$12.00, ½oz. \$20.00, ⅞oz. \$36.00, 1oz. \$65.00

**Color Parade.** (New.) F<sub>1</sub> Hybrid Grandiflora Mixture. A special formula mixture of 30% scarlet, 10% scarlet and white, 15% blue, 7% salmon, 10% pink, 10% rose, 10% white, 5% purple and 3% lavender, which we have found to be exceedingly bright in our trials. Tr. pkt. \$1.35, 1/128oz. \$2.65, ¼oz. \$4.50, ⅓oz. \$7.50, ½oz. \$13.00, ⅞oz. \$23.00, 1oz. \$40.00.

### GRANDIFLORA NANA COMPACTA

314,000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 15

**King Henry or Velvet Ball.** Velvety red. Very compact. Produces 2½-in. blooms on 8-in. plants.

Either of above, tr. pkt. 75c, ⅓oz. \$1.35, ½oz. \$2.50

### F<sub>1</sub> HYBRID, SMALL-FLOWERED SINGLES OR MULTIFLORAS

**Pink Satin.** These brilliant rose-pink blooms command attention. Has the same attractive, globe-shaped plant and ability to cover itself with blooms as the popular Red Satin.

**Peach Satin.** Beautiful warm salmon-pink. Flower size larger than others of the Satin group and slightly taller plant habit, but has the same globe-shaped plants and ability to bloom as others in the Satin Series.

**Red Satin.** All-America Winner for 1957. Richer, brighter, more dwarf scarlet-red, with larger flowers than Comanche. Given the award because of its superiority.

Any of above, ½tr. pkt. \$1.25, tr. pkt. \$2.25, 1/128oz. \$3.50, ¼oz. \$7.00, ⅓oz. \$12.75, ½oz. \$23.50, ⅞oz. \$43.00, 1oz. \$80.00

**GLOW PETUNIAS.** For the past two seasons you have purchased these excellent varieties under the name of Alpha (Alpha Red, Alpha White, etc.) They have now been re-named as the Glow series. We hope this explanation will help avoid misunderstandings on the name.

**Crimson Glow.** Dark velvet crimson.

**Purple Glow.** The most outstanding dark blue, both in dwarf compact habit and in free blooming. Same color as Admiral, but greatly improved in profuseness of bloom and plant vigor. Only 10 in. in height at end of season in our trials; much more dwarf and compact than Blue Ribbon.

**Red Glow.** Bright flaming red. Stayed slightly more dwarf than Red Satin and more uniform habit, only 12 in. high at end of season. Same color as Red Satin.

**Rose Glow.** Soft glowing Celestial Rose shade.

**White Glow.** Pure uniform compact white, only 12 in. in height at end of growing season in our trials. Most dwarf F<sub>1</sub> white on the market.

Any of above, ½tr. pkt. \$1.00, tr. pkt. \$1.75, 1/128oz. \$3.50, ¼oz. \$6.50, ⅓oz. \$11.70, ½oz. \$20.00, ⅞oz. \$35.00, 1oz. \$60.00

**Aztec.** Best described as a dwarf Comanche with a prominent bright yellow throat. Beautiful as a bedder and border plant.

**Comanche Improved.** Brilliant scarlet-red, more dwarf and more profuse in bloom than ever before. Brighter, more intense color than previous strains. Highly recommended.

**Comet.** (New.) Bright crimson-red with perfect white star. Dwarf, compact, free flowering, vigorous.

**Linda.** Clear light salmon-pink. Dwarf, vigorous, free-blooming plant. Color same as Silver Medal, but plant is more dwarf.

**Mars.** (New.) Crimson-red. Dwarf, compact, vigorous, free-branching plants.

**Mercury.** (New.) The new color in Multiflora Petunias—the clear light blue of Heavenly Blue. Perfectly uniform in color and type. Early and profuse bloomer.

**Neptune.** (New.) Light violet-blue. Excellent dwarf, compact, free-flowering, vigorous plants.

**Paleface.** Pure white. Unquestionably the most vigorous and extremely free-flowering white Petunia in existence. All growers who have observed this variety place it on their "must" list.

**Satellite.** (New.) Bright rose with perfect white star. Dwarf, compact, profuse blooming.

**Silver Medal.** Salmon-cerise. Uniform height (12 to 16 in.) and color. Profuse bloomer.

**Sioux.** Intense glowing salmon shading toward red at throat. Similar in color to the highly popular Ballerina. Vigorous and free blooming, on dwarf compact plants.

**Sugar Plum.** Lush, regal, rich wine-red. This striking color caught everyone's eye. Dwarf, compact plants are continuously covered with a multitude of blooms under all conditions.



## PETUNIAS, continued

### F<sub>1</sub> Hybrid, Small-Flowered Singles or Multifloras, continued

**The Clown.** An improved Glitters, with larger flowers abundantly displayed. The extra-large, salmon-red and white striped blooms and uniform dwarf plant habit make this novelty a leader.

**Venus.** (New.) Bright rose-pink. Dwarf, compact and spreading. Best rose-pink color and plant habit in its class.

**War Paint (Pow-wow).** Blend of all the preceding colors plus several new shades.

**Any of preceding, 1/2 tr. pkt. \$1.00, tr. pkt. \$1.75, 1/128 oz. \$3.50, 1/64 oz. \$6.50, 1/32 oz. \$11.70, 1/16 oz. \$20.00, 1/8 oz. \$35.00, 1/4 oz. \$60.00**

**Blue Star.** (New.) Violet-blue with pure white star. A new color combination in Multifloras, same color as the well-known Minstrel Petunia. Extremely dwarf and compact, yet vigorous habit. Excellent for urns, porch boxes, hanging baskets, etc. Should be on every grower's list. Companion plant to the popular scarlet and white Glitters.

**Snow Ball.** Extra dwarf, early, pure white, 1 3/4-in. flowers completely cover this plant at all times. Globe-shaped, compact plants. Very desirable for flat sales and bedding.

**Either of above, 1/2 tr. pkt. \$1.00, tr. pkt. \$1.65, 1/128 oz. \$3.00, 1/64 oz. \$5.50, 1/32 oz. \$10.00, 1/16 oz. \$18.00**

**Star Flight.** Deep velvety crimson, uniformly starred with contrasting pure white. Profuse bloomer of upright, yet dwarf habit. Tr. pkt. \$1.25, 1/128 oz. \$2.20, 1/64 oz. \$3.60, 1/32 oz. \$6.00, 1/16 oz. \$10.00.

**Glitters.** All-America Winner for 1957. New unique bi-colored Petunia in dwarf compact form. Brilliant scarlet and white blooms profusely cover plants from start until frost. 1/2 tr. pkt. \$1.25, tr. pkt. \$2.50, 1/128 oz. \$4.10, 1/64 oz. \$7.45, 1/32 oz. \$14.00, 1/16 oz. \$26.50, 1/8 oz. \$47.50.

### CALIFORNIA GIANTS. (5 to 7 in. in diameter.)

**Paramount Giants.** Free-flowering mixture of all shades. Well suited to outdoors; showy even under adverse conditions. Tr. pkt. \$1.35, 1/64 oz. \$2.75, 1/32 oz. \$4.75, 1/16 oz. \$8.50, 1/8 oz. \$15.00, 1/4 oz. \$28.00.

### DWARF CALIFORNIA GIANTS IMPROVED. (5 to 7 in.)

160,500 S; 65° to 70° F.; 1 to 2 weeks; late Dec. to Mar. 1

**Dwarf Giants of California, Extra-Dwarf Giants.** Our best mixture, this new strain has been bred to fill the need for a truly dwarf pot Petunia. Flowers have well-marked open throats and are beautifully ruffled and fringed. 1/2 tr. pkt. \$1.00, tr. pkt. \$1.75, 1/64 oz. \$3.00, 1/32 oz. \$5.50.

**German's Special Dwarf Giants of California.** Uniformly dwarf, not grown as a mixture but blended from separate plant selections. The color range includes new shades of pink, salmon, rose and copper. Tr. pkt. \$1.75, 1/64 oz. \$2.75, 1/32 oz. \$5.00, 1/16 oz. \$9.50.

**Ramona Strain, Light Shades.** Sturdy plants especially bred for pot culture. Light shades predominate. Tr. pkt. \$1.75, 1/64 oz. \$2.75, 1/32 oz. \$5.00, 1/16 oz. \$9.50.

### LARGE SINGLE FRINGED. Flowers 3 to 4 in. in diameter.

232,000 S; 65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 15

**Fringed Snowstorm.** Well-fringed, pure white flowers with golden throat, freely produced. Tr. pkt. \$1.00, 1/64 oz. \$1.90.

**Super Fluffy Ruffles.** Mixed colors, so intensely fringed and ruffled that the blooms resemble a double Petunia. Tr. pkt. \$1.00, 1/64 oz. \$1.90, 1/32 oz. \$3.40.

**White Mound.** Plant forms a perfect mound of fringed, large blooms. Introduced recently and well liked by all who have grown it. 1/64 oz. \$1.75, 1/32 oz. \$3.00.

**Carnival.**® An inexpensive mixture of large, ruffled and fringed flowers. Contains all colors. Tr. pkt. \$1.00, 1/64 oz. \$2.00, 1/32 oz. \$3.75.

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PETUNIA, Blue Star

### LARGE-FLOWERED DWARF FRINGED (Erfurt Types)

**Carmencita.** Deep scarlet-salmon, an entirely new color that is a "knockout," nearly a true scarlet-orange. A dwarf Erfurt. Tr. pkt. \$1.50, 1/128 oz. \$2.00, 1/64 oz. \$3.50.

**Lace Veil.** 8 in. Large, pure white, fringed flowers. 1/64 oz. \$1.50, 1/32 oz. \$2.75.

**Setting Sun.** 8 in. Brilliant rose-pink, the most popular of its color. 1/64 oz. \$1.50, 1/32 oz. \$2.75.

### LARGE SINGLE PLAIN EDGED. Flowers 3 to 4 in. in diameter.

**Dazzler.** Deep carmine-rose; excellent dwarf bedding or pot plant. Tr. pkt. \$1.00, 1/64 oz. \$2.25.

**Dwarf Elk's Pride.** Velvety violet, a reselected strain. Tr. pkt. \$1.00, 1/64 oz. \$1.90, 1/32 oz. \$3.40, 1/16 oz. \$5.75.

**Popcorn.** A really dwarf strain of the old favorite Snowstorm. A wonderful plant for pots or bedding. Tr. pkt. \$1.50, 1/64 oz. \$2.75, 1/32 oz. \$5.00, 1/16 oz. \$9.50, 1/8 oz. \$18.00.

**Royalty.** Rich purple with white stars and blotches. Tr. pkt. 85c, 1/64 oz. \$1.90, 1/32 oz. \$3.40, 1/16 oz. \$5.75.

**Snowstorm Improved.** Best large-flowered, single pure white. Dwarf, compact habit of growth. 1/64 oz. \$1.90, 1/32 oz. \$3.40, 1/16 oz. \$5.75.

**White Cloud.** (Originator's strain.) Pure white. Dwarf, compact habit; free flowering. 1/64 oz. \$1.90, 1/32 oz. \$3.40, 1/16 oz. \$5.75.

**White Queen.** Extra large, wavy, pure white flowers. 1/64 oz. \$1.90, 1/32 oz. \$3.40, 1/16 oz. \$5.75.

### RUFFLED NANA COMPACTA

65° to 70° F.; 1 to 2 weeks; Jan. 15 to Mar. 1

**Little Giants Mixed.** Plants are covered with a mass of blooms 4 in. and more in diameter. The mixture has an excellent color range. It has the pancake style of growth of Martha Washington. For potting and bedding it just can't be beaten. 1/64 oz. \$1.50, 1/32 oz. \$2.75, 1/16 oz. \$5.00.



## PETUNIAS, continued

### DWARF SINGLE HYBRIDA

285,000 S; 65° to 70° F.; 1 to 2 weeks; Feb. 1 to Apr. 1

**Colorama.** (New.) Your dissatisfaction with the best blends of regular Nana Compacta type Petunias, with their uneven plant habit, has been completely eliminated with this variety. Colorama is not grown as a mixture. The F<sub>1</sub>'s used in making this mixture are planted and harvested as separate colors and then superbly blended. Pure whites, salmons, scarlets, fiery reds, light to dark pinks, white, bicolor, crimson, blue and purple and many starred varieties make up this well-balanced blend. Tr. pkt. \$1.00, 1/16oz. \$1.75, 1/8oz. \$3.00, 1/4oz. \$5.35.

**Admiral Improved.** Best blue Petunia available. Very compact in growth. 1/16oz. \$1.65, 1/8oz. \$2.90, 1/4oz. \$5.25.

**Celestial Rose Improved.** This is the most uniform and compact strain available. Deeper rose coloring and slightly larger flowers than the original. Tr. pkt. 50c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.50. (Caution: This strain, due to its close inbreeding, is of weaker germination than the one listed below.)

**Celestial Rose.** Excellent strain, free flowering and uniform. The finest all-purpose bright pink. Tr. pkt. 35c, 1/8oz. 90c, 1/4oz. \$1.30, oz. \$4.50.

**Dwarf Rose of Heaven.** This is an *extra-select stock*, very compact and true to type. Brilliant rose-pink. Tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.75, oz. \$6.00.

**Fire Chief.** All-America Gold Medal Winner for 1950. Brilliant scarlet-red. Tr. pkt. 50c, 1/8oz. \$1.65, 1/8oz. \$2.90, 1/4oz. \$5.00.

**Glow.** Rich dazzling carmine-rose. One of the most popular. Plants dwarf. Tr. pkt. 50c, 1/8oz. \$1.25, 1/8oz. \$2.00, 1/4oz. \$3. 5.

**Lipstick.** Unfading carmine-rose. Plants are a mass of flowers until frost. An outstanding variety in our trial grounds. Tr. pkt. 50c, 1/8oz. \$1.65, 1/8oz. \$2.90.

**Rosy Morn Select.** Pink with white throat. Tr. pkt. 50c, 1/4oz. \$1.50, 1/2oz. \$2.50.

**Sky Chief.** Definitely improves all other pale blues. Dwarf, compact habit. Plants well covered with good-sized, pale blue flowers. 1 ft. high. Tr. pkt. 50c, 1/8oz. \$1.65, 1/4oz. \$3.00.

**Snowball Improved.** Finest dwarf white. A more compact strain with well-rounded, pure white flowers in profusion. Tr. pkt. 50c, 1/4oz. \$1.80, oz. \$5.40.

**Twinkles.** Rose with pure white star. Tr. pkt. 50c, 1/8oz. \$1.00, 1/4oz. \$1.75.

**Special Dwarf Mixture.** Our own mixture, with a well-balanced range of colors. It can claim the widest color range of any Petunia mixture. Mixed from the leading varieties of this class. Tr. pkt. 35c, 1/8oz. \$1.00, 1/4oz. \$1.75, oz. \$6.00.

**Balcony Mixed.** Mixture of the best colors. Tr. pkt. 40c, 1/8oz. 80c, 1/4oz. \$1.50.

## PHLOX

17,500 S; 65° to 70° F.; 2 to 3 weeks; Jan. to Mar. 1

**Twinkles.** All-America Winner for 1957. 6-in. plants completely covered with a twinkling mass of dainty, star-shaped flowers. A delightful bedding and combination subject, with an attractive color array. Should be on every grower's list.

**Ideal Bedding Mixed.** (New.) A new dwarf florists' strain, uniform in habit, with a most striking array of unusually gay, bright colors.

**Globe Phlox Mixed.** Forms well-rounded plants only 4 to 6 in. high, fully base branching and of the most dwarf and uniform habit. Plants bloom all summer and do not die out like the common annual Phlox.

Any of above, tr. pkt. 40c, 1/8oz. \$1.25, 1/4oz. \$2.10, oz. \$6.00



PHLOX, Twinkles

## PHLOX, continued

**Drummond's Nana Compacta.** Plants grow about 8 in. high and bloom freely. Fine for boxes and bedding.

**Blue Beauty**

**Fireball.** Scarlet.

**Pink Beauty**

**Violet Beauty**

**Special Florists' Mixture.** Mixed from eight separate colors.

Any of above, tr. pkt. 50c, 1/4oz. \$1.50, 1/2oz. \$2.35, oz. \$4.50

## PORTULACA

307,000 S; 65° to 70° F.; 2 to 3 weeks; Feb. through Mar.

**German's All Double Mixed.** 100% double; large flowered. A fine color range of many new shades. So uniformly double that it produces only half as much seed as most double strains. Tr. pkt. 50c, 1/4oz. \$2.00, oz. \$6.50.

**Dwarf Double Mixed.** Excellent range of colors and a high percentage of doubles. Tr. pkt. 35c, 1/4oz. \$1.15, oz. \$3.50.

## PRIMULA

360,000 S; 65° to 70° F.; 2 to 3 weeks; early May until Oct.

### MALACOIDES

Sow seed from early May until October for spring-blooming plants of various sizes. Primula seeds will not tolerate fertilized soil in seed flats or during early stages of growth.

### Large-flowered

**Extra Choice Mixture.** A choice mixture of many excellent colors. Tr. pkt. \$1.00, 1/4oz. \$2.50, 1/2oz. \$4.50.

### CHINENSIS FIMBRIATA

18,000 S; 65° to 70° F.; 3 to 4 weeks; Jan. to June

A large-flowered, dwarf, and non-poisonous Primrose. Very popular wherever grown. Sow March through May for plants from Christmas on.

**Olympia Hybrids.** (New.) Rich mixture of best colors. Enormous umbels of giant, substantial flowers. Tr. pkt. \$1.00, 1/4oz. \$2.00.

### OBCONICA

120,000 S; 65° to 75° F.; 3 to 4 weeks; Jan. through Mar.

**Bagatelle.** (New.) Beautiful salmon-rose.

**Perle de Paris.** (New.) Carmine-rose.

**Fasbender's Red.** Extra-large, deep crimson-red flowers.

**Rouge de Paris.** Large carmine-red.

**Trianon.** (New.) Glistening pure white.

**Finest Mixed.** Complete mixture of the best colors.

Any of above, tr. pkt. \$1.25, 1/4oz. \$2.35



## RICINUS (Castor Beans)

**Cambodgensis.** (60 S per oz.) Darkest maroon leaves. Stalks nearly black. 4 ft. Oz. 40c, ¼lb. \$1.35.

**Zanzibarensis Mixed.** (30 S per oz.) Giant leaves; green foliage. Oz. 30c, ¼lb. \$1.00.

**Mixed Colors and Varieties.** (60 S per oz.) Oz. 30c, ¼lb. \$1.00.

## RUDBECKIA (Coneflower)

85,000 S; 65° to 75° F.; 2 to 3 weeks; Apr.

**Gloriosa Daisy.** 3 ft. tall. Sensational giant single flowers up to 7 in. across. Bright yellow, mahogany and bicolors of orange, gold and mahogany. ½oz. 75c, ¼oz. \$1.35, oz. \$4.00

## SALPIGLOSSIS

105,200 S; 65° to 70° F.; 2 weeks; late Mar.

**Emperor Mixed.** Valuable for summer cutting, also spring flowering under glass. Tr. pkt. 25c, ¼oz. 60c, oz. \$1.80

## SCABIOSA

4090 S; 65° to 70° F.; 2 to 3 weeks

**Coral Moon.** Salmon-pink shades.

**Oxford Blue.** Very large, fully double, lavender-blue flowers.

Either of above, tr. pkt. 25c, ¼oz. 70c, oz. \$2.25

**Giant Hybrid Mixture.** Special strain containing the new large-flowered varieties only. Tr. pkt. 25c, ¼oz. 65c, oz. \$2.00.

## SCHIZANTHUS

43,000 S; 65° to 70° F.; 1 to 2 weeks

**Grandiflora Angel Wings.** (New.) Improvement over Dr. Badger's. More compact, conical plants of uniform dwarf character. Blooms have a distinct gold center contrasting with brighter and deeper colors than the old strain. Tr. pkt. \$1.00, ½oz. \$2.40, ¼oz. \$4.50.

**Ball Dwarf Mixture.** Dwarf strain. Medium-sized flowers on compact heads. Excellent pot plant. Tr. pkt. 60c, ½oz. \$1.80.

**Blackmore & Langdon Strain.** Dark and light shades, blotched. 18 in. Tr. pkt. 50c, ¼oz. \$2.25.

**Excelsior compactus, Finest Mixed.** Compact, pyramidal, free flowering. 6 in. Excellent for pot use. Popular. Tr. pkt. 60c, ¼oz. \$2.25

**SNAPDRAGON.** See Antirrhinum, pages 3, 4, 5 and 6.



SCABIOSA, Giant Hybrid Mixture



SALVIA, Blaze of Fire



SALVIA FARINACEA,  
Royal Blue



## SALVIA (Scarlet Sage)

7500 S; 70° to 75° F. (should have bottom heat); 2 to 3 weeks; Feb. 10 to Apr. 1

**America (Globe of Fire).** Brilliant scarlet. 18 in. Tr. pkt. 50c, ¼oz. \$1.15, oz. \$4.50, ¼lb. \$13.50.

**Blaze of Fire.** The earliest of all Salvias. Orange-scarlet. Dwarf. 15 in. Tr. pkt. 85c, ¼oz. \$2.25, ½oz. \$3.85, oz. \$7.00, ¼lb. \$24.00.

**Bonfire (Clara Bedman).** Bright scarlet-red. Erect habit; free bloom. 26 to 30 in. Tr. pkt. 50c, ¼oz. \$1.15, oz. \$4.50, ¼lb. \$13.50.

**Dwarf Early Bonfire.** Three weeks earlier than Bonfire. Retains its deep color all season. Large flower bracts. 22 to 26 in. Tr. pkt. 50c, ¼oz. \$1.15, oz. \$4.50, ¼lb. \$13.50.

**Fireworks.** (New.) We predict this variety will replace St. John's Fire as soon as it becomes better known. It is the same color and blooms more uniformly early. More compact and darker leaved, it holds its color until frost and the plants make a better show. Tr. pkt. 85c, ½oz. \$1.75, ¼oz. \$3.00, ½oz. \$5.50, oz. \$10.00.

**Scarlet Pygmy, Extra Dwarf (Fireball or Scarlet Piccolo).** A very compact and well-branched variety blooming slightly earlier than St. John's Fire, but about 4 in. shorter. Recommended for early pot and flat sales. Tr. pkt. \$1.25, ½oz. \$2.20, ¼oz. \$4.00, oz. \$12.00.

**Splendens.** Latest and tallest. 36 in. Tr. pkt. 50c, ¼oz. \$1.25, ½oz. \$2.25, oz. \$4.00, ¼lb. \$14.00.

**St. John's Fire.** Very early. Bright scarlet. 10 to 12 in. Tr. pkt. 85c, ½oz. \$1.55, ¼oz. \$2.75, ½oz. \$4.75, oz. \$8.50, ¼lb. \$30.00.

## FARINACEA

22,000 S; 70° to 75° F.; 2 to 3 weeks; Feb. and Mar.

**Royal Blue.** Deep blue flowers. The best blue Salvia. Tr. pkt. 55c, ¼oz. \$1.65, oz. \$5.00.



## SOLANUM

### CHRISTMAS CHERRY

12,000 S; 65° to 75° F.; 3 to 4 weeks

**Capsicastrum Patersoni.** Dwarf, spreading, compact habit. Red, cherry-shaped fruits and dark green foliage. 8 to 10 in.

**Clevelandi.** Cleveland-cherry-red.

Either of above, tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00

### CHRISTMAS PEPPER

9000 S; 65° to 75° F.; 3 to 4 weeks

**Craigi.** Dwarf ornamental Pepper, green at first, then white and purplish and finally red.

**Red Boy.** (New.) Most dwarf variety available. Its small, bright red fruits show color much earlier than others.

Either of above, tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.00

## STATICE

245 heads; 65° to 70° F.; 2 to 3 weeks

### SINUATA

**Bonduelli superba.** Similar to Sinuata, but with large yellow flowers.

**Heavenly Blue.** Bright sky-blue.

**Market Rose.** Fine new color, deeper and warmer than Rosea superba.

**Rosea superba.** Rosy lavender.

**Snow White.** Greatly improved white.

**True Blue.** Extra deep blue.

**Choice Mixed.** Mixture of best varieties.

Any of above, tr. pkt. 25c, oz. 75c, 1/4lb. \$2.50, lb. \$7.25

### NEW AND BETTER STRAINS

**Blue Bonnet.** Improved bright sky-blue.

**Iceberg.** Non-fading white.

**Midnight Blue.** Exceptionally vigorous. Dark blue.

**Roselight.** Very true pure rose. Vigorous.

**Twilight Lavender.** Well formed, lavender-blue.

Any of above five new strains, tr. pkt. 50c, oz. \$1.50, 1/4lb. \$5.00, lb. \$15.00

### SUWOROWII (Rat-tail Statice).

12,000 S; 65° to 70° F.; 2 to 3 weeks

Long, graceful, rose-pink flowers. Sown outdoors early, will bloom in July. Tr. pkt. 25c, 1/4oz. 45c, oz. \$1.50.



STATICE, New and Better Strain

## STOCKS

18,700 S; 65° to 70° F.; 2 weeks

Our sales of Stock seed have been increasing rapidly in the last several years because of the growing popularity of this flower and the wonderful results our customers are obtaining from our highly bred strains. There are numerous strains on the market, but we have found ours to be equal to and in many cases superior to any other strain offered. Listed below are the varieties we have found to be the most popular. Proper spacing is 3 by 6 in.

### NON-BRANCHING OR COLUMN

Approximate sowing dates:

July 15 to Aug. 1—bloom about mid-Jan.

Sept. 1—bloom about mid-Mar.

Oct. 1—bloom about early Apr.

Dec. 15—bloom about May 15.

Feb. 15 (latest date)—bloom about early June.

### NEW TRYSONIC COLUMN

This is the first color to be offered in this high double-column Stock. Our trials have repeatedly shown a double average of 85%. **The most vigorous seedlings in Trysonic Stocks are the singles.** In other respects it is identical to current normal double strains. To assure the highest percentage of doubles, do not attempt to select seedlings.

**TRYSONIC PACIFIC PINK.** 1/2tr. pkt. \$1.00, tr. pkt. \$1.75, 1/8oz. \$2.90, 1/4oz. \$5.00.

**Cascade Type.®** (New.) Very early Column type, perfect for bedding plant growers because they will bloom in flats and very early in the home garden, thus enabling Stocks to be grown in sections where they have never been used. Tall, beautiful spire and blooms in about 8 weeks. Actually they are outdoor type, but greenhouse trials last winter demonstrated that they do very nicely as a forcing variety and come into bloom 4 to 5 weeks ahead of existing Column types.

**Cascade Blue**

**Cascade Light Pink**

**Cascade Lavender**

**Cascade Red**

**Cascade White.** Pure white.

**Cascade Rose-Pink**

**Cascade Yellow**

**Cascade Mixed**

Any of above, tr. pkt. 75c, 1/4oz. \$2.50, 1/2oz. \$4.50, oz. \$8.50

®Registered trade mark of Denholm Seed Co.

**Avalanche.** Earliest white. Spike is especially long and massive, with very double, closely set florets. Pure white.

**Crimson Giant.** Distinct new color, an alive and attractive bright crimson-red.

**Deep Apricot.** An improved deeper apricot.

**Lilac-Lavender.** Fine color for Memorial Day.

**Pacific Pink.** Clear, warm, luminous pink with no lavender tints. A true pink. Tr. pkt. \$1.25.

**Pacific Yellow.** (New.) Earlier than Yellow Wonder, deeper in color. This is the long-needed bright canary-yellow Stock.

**Pink No. 22.** Bright silvery rose; heavy spike and extra-long stems.

**Royal Purple.** Dark purple.

**White Goddess.** (New.) The earliest, whitest white you ever saw. Excellent shipper, the answer to the confusing number of White Column Stocks now offered.

**White No. 16.** Tall; pure white.

**Yellow Wonder.** Deep creamy yellow.

**Formula Mixture.** Our own mixture.

Any of above, except where noted, tr. pkt. (approx. 1200 seeds) \$1.15, 1/4oz. \$2.75, 1/2oz. \$5.25, oz. \$10.00

H. G. GERMAN, 103 Bank Street, Smethport, Penna.



## STOCKS, continued

### BEDDING STOCKS

**Trysomic Seven-Weeks Mixed.** Branching garden variety. Choice colors; earliest blooming Stock offered. 80 to 85% double count.  $\frac{1}{2}$ tr. pkt. \$1.00, tr. pkt. \$1.75,  $\frac{1}{8}$ oz. \$2.90,  $\frac{1}{4}$ oz. \$5.00.

**Beauty of Nice.** Early, free-flowering type of branching habit. Recommended for plant sales in the spring to the home gardener.

**Mixed Colors.** Tr. pkt. 30c,  $\frac{1}{4}$ oz. 75c, oz. \$2.50.

### Dwarf Ten-Weeks

**Blood-Red**

**Formula Mixture**

Either of above, tr. pkt. 30c,  $\frac{1}{4}$ oz. \$1.00, oz. \$3.00



SWEET WILLIAM, Wee Willie  
(Planted as edging plant with Ageratum, Blue Mink)

### SWEET WILLIAM, Annual

31,000 S; 65° to 70° F.; Mar. 20 on

**Wee Willie.** A new annual, this single-flowering type blooms in 6 to 8 weeks, starts to bloom at a height of 2 in., eventually reaching 6 in. Compact plants, 4 in. in diameter. Ideal for bedding plant or flat sales. Drop three seeds per hole in seed flat or per  $2\frac{1}{4}$ -in. pot to make best-appearing plants. Tr. pkt. 60c,  $\frac{1}{8}$ oz. \$1.00,  $\frac{1}{4}$ oz. \$1.80, oz. \$5.40.

### SWEET PEAS

340 S; 65° to 70° F.; 2 weeks

#### EARLY MULTI-FLOWERED

Extra-long stems, each bearing four to six flowers.

**Multi-flowered Cranberry-Red.** Christmas-red.

**Multi-flowered Deep Rose.** Very productive.

**Multi-flowered Elk's Purple.**

**Multi-flowered Flag Blue.** Mid-blue; excellent stems.

**Multi-flowered Geo. J. Ball.** Lovely deep salmon. One of the best varieties.

**Multi-flowered Lavender.** Extra large.

**Multi-flowered Orange-Cerise.** Gigantic, glittering orange-cerise flowers.

**Multi-flowered Rose.** Clear rose-pink.

**Multi-flowered Whirlwind.** A shade lighter than Rose.

**Multi-flowered White.** As many as seven or eight blooms per stem.

**Mixed Colors.** A blend of the best varieties.

Any of above,  $\frac{1}{2}$ oz. \$1.10, oz. \$2.00,  $\frac{1}{4}$ lb. \$6.65

## SWEET PEAS, continued

**New Floribundas or Spring-Flowering Multifloras.** A new race of spring-flowering Sweet Peas. This new strain is becoming more popular every year.

**Astrid.** Light lavender.

**Daisy.** White. B. S.

**Evelyn.** Deep salmon-pink.

**Flora.** Rose-carmine.

**Joy.** Deep salmon-pink.

**Robert.** Mid-blue.

**Rose Dawn.** Rose with cream base.

**Ruth.** Deep rose-pink.

**Warrior.** Scarlet-cerise.

**Mixed Colors.** Mixture of all shades.

Any of above,  $\frac{1}{2}$ oz. 85c, oz. \$1.50,  $\frac{1}{4}$ lb. \$5.00

### THUNBERGIA (Black-eyed Susan)

1260 S; 65° to 70° F.; 2 to 3 weeks

**Alata.** Attractive climber for urns and window-boxes. Tr. pkt. 35c,  $\frac{1}{4}$ oz. 60c, oz. \$1.80.

### TORENIA Fournieri

375,000 S; 65° to 75° F.; 2 weeks; Feb. 1 on

**Compacta, Blue.** Deep blue flowers with violet blotches on lip. Nice for spring pot plants for combination work or bedding.

**Compacta, White.** Nice white.

Either of above, tr. pkt. 40c,  $\frac{1}{8}$ oz. \$1.25,  $\frac{1}{4}$ oz. \$2.25



TORENIA Fournieri

### VERBENA

12,250 S; 65° to 75° F.; 3 to 4 weeks; Jan. to Mar. 15

Following is a good selection of colors for all of our florist customers. Sow early with bottom heat.

**Beauty of Oxford Hybrids.** Rose-red to clear rose-pink.

**Brightness.** (New.) Flaming cerise-scarlet with white eye.

**Lavender Glory.** Fragrant, true lavender.

**Luminosa.** Pink shaded to salmon.

**Royale.** Rich deep blue with white eye.

**Salmon King.** (New.) Deep salmon.

**Vivid.** (New.) Bright sunproof scarlet.

**White.** Pure white.

**Mixed.** Contains all the above colors.

Any of above, tr. pkt. 45c,  $\frac{1}{4}$ oz. \$1.25, oz. \$3.75





VERBENA, Calypso (Candy Striped)

### VERBENA, continued

**Calypso (Candy Striped).**® Newest novelty. Until today these gaily striped varieties have been available from cuttings only, but we are now introducing our own origination of mixed colors with contrasting stripes and blotches. 80% or more have this striped effect. Healthy, bushy plants growing 1 ft. high. Color combinations include pink and rose, rose and white, red and white, lavender and crimson, purple and white, and some solid colors. Unusually bright colors predominate. This mixture caused much comment in our trial garden. Tr. pkt 75c, 1/4oz. \$1.85, 1/2oz. \$3.30, oz. \$6.00.

®Registered trade mark of H. G. German, Seeds.

### HYBRIDA COMPACTA

**German's Exhibition Mixture.** This strain is very dwarf and about two weeks earlier than other strains. Plants are upright and are excellent for combination work or borders. To maintain the extra dwarfness and complete color range of this strain, we must produce this item ourselves. Tr. pkt. 60c, 1/4oz. \$1.75, 1/2oz. \$3.20, oz. \$6.00.

**Crystal.** Pure white. Same habit as Sparkle.

**Dazzle.** Solid scarlet-red.

**Delight.** Lovely coral-pink.

**Sparkle.** The most compact and brightest red Verbena. Has a bright creamy eye. A mass of bloom all summer.

**Splendor.** Deep reddish purple with white eye.

**Sparkle Mixed.** Mixture of above separate colors.

Any of above, tr. pkt. 60c, 1/4oz. \$1.50, oz. \$4.50

**Ideal Florists' Strain.** A special development for pot and flat culture. Beautiful color combinations of the eyed kinds. Very dwarf, spreading habit. Tr. pkt. 75c, 1/4oz. \$1.85, 1/2oz. \$3.30, oz. \$6.10.

### VINCA rosea

21,000 S; 65° to 70° F.; 2 to 3 weeks; Nov. through Dec.

Sow seed early (October or November). Splendid for bedding and combinations. Blooms all summer until frost; does well any place.

**Coquette (Little Pinkie).** (New.) A dwarf type Vinca, growing only 10 in. tall. Its tolerance to heat and drought makes Vinca an ideal bedding and combination plant. Glossy, deep green leaves on plants covered with attractive, rosy pink blooms. Tr. pkt. 45c, 1/4oz. \$1.35, oz. \$4.50.

**Bright Eye.** The same dwarf, compact habit as Coquette, but pure white with rose eye. Tr. pkt. \$1.00, 1/4oz. \$3.00, oz. \$9.00.

**Alba.** White.

**Crimson.** Dark rose-pink.

**Twinkles.** Soft pink.

**White with Pink Eye**

**Mixed Colors**

Any of above, tr. pkt. 35c, 1/4oz. 60c. oz. \$2.00

## ZINNIAS

### NEW HYBRIDS—GIANT CACTUS-FLOWERED

3120 S; 70° to 80° F.; 1 to 2 weeks (6 weeks from sowing to selling date)

**Treasure Island.** (New.) Here's a real treasure for your best customers—a new mixture of the popular Cactus-Type Zinnias. Brilliant reds, rich yellows, bright orange, rose, salmon and pink shades, with flowers 6 to 7 in. in diameter. The entire range is spectacular and pleasing. Tr. pkt. 40c, 1/4oz. 75c, 1/2oz. \$1.35, oz. \$2.50.

**Floradale Scarlet.** Scarlet-red. Petals beautifully ruffled and curled, resembling a giant chrysanthemum.

**Plus-X-Cactus.** (New.) Genuine F<sub>3</sub> Hybrid mixture. Hybrid vigor, size and blooming profusion drew many favorable comments in our trials. A wealth of new colors, shades and bicolor effects plus all other Zinnia shades.

**Riverside Beauty.** Azalea-pink. Petals curled and twisted.

**New Hybrids Mixed.** A widely varied mixture of the cactus or chrysanthemum-flowered type. Contains the usual colors plus many new and delicate shades. As predicted, this type Zinnia will rapidly increase in demand.

Any of above, tr. pkt. 50c, 1/4oz. 75c, 1/2oz. \$1.40, oz. \$2.50, 1/4lb. \$7.50



### BLAZE

Very large; scarlet-orange. Long stemmed and free flowering. Tr. pkt. 50c, 1/4oz. \$1.00, oz. \$3.00.

### GIANT DAHLIA-FLOWERED AND CALIFORNIA

**GIANTS.** 2960 S. 2 1/2 to 3 ft. The best large-flowered Zinnias.

**Pink Lady.** Pink center with cream outer petals. Tr. pkt. 85c, 1/4oz. \$2.50, oz. \$7.50.

**Canary Bird.** Rich canary-yellow.

**Cherry-Rose.** Brilliant cherry-rose.

**Crimson Monarch.** Deep crimson; very large.

**Dream.** Deep rosy lavender.

**Exquisite.** Light rose with deep rose center.

**Golden State.** A rich orange-yellow.

**Illumination.** Deep rose self.

**Luminosa.** Bright deep pink.

**Miss Willmott.** Rich pink.

**Orange King.** Orange-scarlet.

**Purity.** Best giant white.

**Purple Prince.** Deep purple.

**Salmon Queen.** Beautiful salmon-rose.

**Will Rogers.** Lovely brilliant deep scarlet.

**Gold Medal Finest Mixed**

Any of above, except as noted, tr. pkt. 30c, 1/4oz. 50c, 1/2oz. 85c, oz. \$1.50, 1/4lb. \$5.00, lb. \$15.00



## ZINNIAS, continued



ZINNIA, Ortho Polka

**Ortho Polka.** Colors similar to Peppermint Stick but Ortho Polka has plenty of size and vigor. Plants grow about 3 ft. tall, flowers over 4 in. across. Tr. pkt. 35c,  $\frac{1}{4}$ oz. 75c, oz. \$2.25,  $\frac{1}{4}$ lb. \$7.00.

**Miss Universe.** A great new Zinnia. Extra early, largest sized flowers ever seen. Deep, full flowers in a complete range of colors. Bushier, more compact plants with long stems branching near the base. Ideal for cut flowers and bedding. An improved Super Giant type. Tr. pkt. 35c,  $\frac{1}{4}$ oz. \$1.25,  $\frac{1}{2}$ oz. \$2.10, oz. \$3.75,  $\frac{1}{4}$ lb. \$12.50.



ZINNIA, Miss Universe

### ELEGANS PUMILA, DWARF DOUBLE (Cut-and-Come-Again)

**Canary-Yellow.** Bright yellow.

**Golden Orange**

**Pinkie.** Rose-pink.

**Salmon-Rose**

**Scarlet**

**Snowball.** White.

**Mixture**

Any of above, tr. pkt. 30c,  $\frac{1}{4}$ oz. 50c, oz. \$1.50,  $\frac{1}{4}$ lb. \$5.00

**Peppermint Stick.** Novelty striped flowers. Early. Tr. pkt. 35c,  $\frac{1}{4}$ oz. 70c, oz. \$2.25,  $\frac{1}{4}$ lb. \$7.00.

### LILLIPUT or POMPON. 4800 S. $1\frac{1}{2}$ to 2 ft.

**Canary Gem.** Canary-yellow. **Salmon Gem.** Salmon-rose.

**Golden Gem.** Golden orange.

**Scarlet Gem.** Rich scarlet.

**Pink Gem.** Deep pink.

**White Gem.** Pure white.

**Rosebud.** Rose-pink.

**Formula Mixed**

Any of above, tr. pkt. 30c,  $\frac{1}{4}$ oz. 50c,  $\frac{1}{2}$ oz. 80c, oz. \$1.50,  $\frac{1}{4}$ lb. \$5.00

### OTHER VARIETIES OF ZINNIAS

**Cupid Mixture.** Dwarf plants producing many small double flowers 1 in. in diameter. All colors in nicely balanced mixture. Tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.50.

**Persian Carpet.** Charming, variegated small flowers. Excellent for bedding; attractive. Tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.50, oz. \$4.50.

**Red Riding Hood (Gracillima).** Small, double, bright red flowers on compact plants. 1 ft. high. Tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.50.

**Tom Thumb Mixture.** Small, double flowers on compact plants. Tr. pkt. 50c,  $\frac{1}{4}$ oz. \$1.50.

**Creeping Zinnia** (*Sanvitalia procumbens*). 50,000 S. Fine dwarf edging plant with small, double, yellow flowers with brown eyes. 4 to 7 in. Tr. pkt. 35c,  $\frac{1}{4}$ oz. 65c.

**Merry-Go-Round.** A completely new class of Zinnia. The most distinct novelty in years. All leading plant growers will have this, one of the most entirely different flowers introduced within the past 25 years.  $1\frac{1}{2}$  ft. high, with 4-in. blooms with petals frequently arranged in a spiral manner, so as to give an actual impression of turning motion. Many flowers are of such heavy substance that they feel as if made of glass; they keep better as cut flowers than other large-petaled varieties. Ideal for bedding. (*Originator's description.*) Tr. pkt. 75c,  $\frac{1}{8}$ oz. \$1.25,  $\frac{1}{4}$ oz. \$2.00, oz. \$6.00.



ZINNIA, Persian Carpet



# Seeds of Biennials and Hardy Perennials



AQUILEGIA, McKana's Giant Hybrid

## ACHILLEA Ptarmica

200,000 S; 65° to 70° F.; 1 to 2 weeks

**The Pearl.** Standard double white for cutting. Tr. pkt. 50c, 1/8oz. 65c, 1/4oz. \$1.15.

## ALYSSUM

40,000 S; 65° to 70° F.; 3 to 4 weeks

**Saxatile compactum.** Silvery foliage; yellow flowers. Tr. pkt. 25c, 1/4oz. 40c, oz. \$1.20.

## ANCHUSA

1100 S; 65° to 70° F.; 3 to 4 weeks

**Italica, Dropmore.** Gentian-blue. Tr. pkt. 40c, 1/4oz. 75c, oz. \$2.25.

## ANEMONE (Windflower)

37,000 S; 65° to 70° F.; 5 to 6 weeks

**St. Brigid, Creagh Castle Strain.** Choice mixture of brilliant colors. 18 in. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50.

## AQUILEGIA (Columbine)

15,500 S; 65° to 70° F.; 3 to 4 weeks

**McKana's Giant Hybrid.** All-America Award, 1955. The first perennial to receive an award in recent years. Many beautiful new colors. Extremely long spurred. Tr. pkt. 50c, 1/8oz. \$1.75, 1/8oz. \$2.75, 1/4oz. \$5.00, oz. \$16.00.

**Crimson Star.** Bicolor, dark red and white. Tr. pkt. 50c, 1/8oz. \$1.50, 1/4oz. \$2.75.

**Longissima.** Extra long spurred. Pale yellow. Tr. pkt. 60c, 1/8oz. \$1.80, 1/8oz. \$3.30.

**Mrs. Scott Elliott's Hybrids.** Long-spurred; fine color range and large blooms. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50.

## ARABIS (Rock Cress)

120,000 S; 65° to 75° F.; 3 to 4 weeks

**Alpina Pink.** Delicate pale pink. 12 in. Tr. pkt. 45c, 1/4oz. \$1.30, oz. \$3.90.

**Alpina Snowcap.** 6 in. Dwarf, compact plants completely covered with shining snow-white flowers. Blooms very early in spring. Tr. pkt. 40c, 1/4oz. 80c, oz. \$2.75.

## ARMERIA

17,500 S; 65° to 70° F.; 3 to 4 weeks

**Formosa Hybrids Mixed.** Tr. pkt. 40c, 1/8oz. 75c, 1/4oz. \$1.40.



BELLIS, Super Giant

## BELLIS

100,000 S; 65° to 70° F.; 1 to 2 weeks

### MONSTROSA

**Lavender.** (New.) **Red.** Deep rose. **Rose.** Rose-pink. **White.** Pure white. **Mixed Colors**

Any of above, tr. pkt. 50c, 1/4oz. \$2.00

### DOUBLE

**Crispa Cherry.** (Novelty.) Red, cherry-like flowers.

**Longfellow Pink.** Dark pink. Smaller but freer flowering than Monstroza types.

**Tubulosa Etna Red.** Dark red, quilled blooms.

Any of above, tr. pkt. 35c, 1/8oz. 75c, 1/4oz. \$1.35, 1/2oz. \$2.40

### SUPER GIANT or ENORMA

From special selections. Flowers measure up to 2 in. in diameter.

**Pure White** **Rose.** Deep pink. **Crimson Ball.** Deep crimson. **Mixed**

**Salmon.** (New.) Nice light salmon-pink.

Any of above, tr. pkt. 60c, 1/8oz. \$1.80, 1/4oz. \$3.30

## CAMPANULA

**Medium, Single** (Canterbury Bells).

135,000 S; 65° to 70° F.; 2 weeks

**White** **Blue** **Rose** **Finest Mixed**

Any of above, tr. pkt. 20c, 1/4oz. 30c, oz. 90c

**Calycanthema** (Cup-and-Saucer Type).

120,000 S; 65° to 70° F.; 2 to 3 weeks

**Dark Blue** **Rose-Pink** **White** **Mixed**

Any of above, tr. pkt. 30c, 1/4oz. 80c, oz. \$2.40



## CHRYSANthemum leucanthemum

25,000 S; 65° to 75° F.; 2 to 3 weeks

**Alaska Daisy.** Pure white flowers on long stems. Blooms June till frost. Tr. pkt. 25c, oz. \$1.00.

**Exhibition Giant White.** Pure white. Ideal cut flower, producing a large number of real double and semi-double flowers. Tr. pkt. 50c, 1/8oz. \$1.50, 1/4oz. \$2.75.

## DAISY, SHASTA

18,500 S; 65° to 70° F.; 2 to 3 weeks

**G. Marconi.** Long-stemmed, largest-flowered and finest double Shasta Daisy.

**Diener's Giant Double.** Best white.

Either of above, tr. pkt. 55c, 1/8oz. \$1.65, 1/4oz. \$3.00



CARNATIONS, Dwarf Vienna

## CARNATION

14,000 S; 65° to 70° F.; 2 to 3 weeks

**Grenadin, Golden Sun.** Golden yellow.

**Grenadin, Peppermint Stick.** Red and white striped.

**Grenadin, Red**                      **Grenadin, Triumph Rose**

**Grenadin, Pure White**           **Grenadin, Mixed**

Any of above, tr. pkt. 60c, 1/8oz. \$1.20, 1/4oz. \$2.00, oz. \$6.50

**DWARF VIENNA.** 12 in. This strain is much used for spring basket sales.

**Aurora.** Rose-pink.

**Bright Scarlet.** Shining crimson.

**Desdemona.** Bright salmon-rose.

**Othello.** Bright scarlet.

**Prof. Malmgreen.** Brick-red.

**White.** Pure white.

**Mixed.**

Any of above, tr. pkt. 60c, 1/8oz. \$1.20, 1/4oz. \$2.25

For Annual varieties, see page 9

## CANDYTUFT (Iberis)

11,500 S; 65° to 70° F.; 2 to 3 weeks

**Gibraltarica.** Large flowers, lilac shades to white. 1 ft. Tr. pkt. 30c, 1/4oz. 50c, oz. \$1.60.

**Jucunda.** Beautiful pink. Extra-dwarf, 4-in. plants. Tr. pkt. 50c.

**Sempervirens.** White. 1 ft. Tr. pkt. 50c, 1/4oz. \$1.20, oz. \$4.50.

## CENTAUREA

1600 S; 65° to 75° F.; 2 to 3 weeks

**Montana.** Large, cornflower-blue flowers.

**Macrocephala.** Large, thistle-like, golden yellow flowers. 3 1/2 ft.

Either of above, tr. pkt. 25c, 1/4oz. 50c, oz. \$1.50

## DELPHINIUM

10,000 S; 55° to 65° F.; 3 to 4 weeks

**GIANT PACIFIC HYBRIDS.** We consider the following to be the most satisfactory type for florists.

**Astolat Series.** Pale blush tints with some darker tones; all have dark bees. 1/2tr. pkt. \$1.50, tr. pkt. \$2.25, 1/8oz. \$4.25, 1/4oz. \$7.75 (originator's seed).

**Black Knight.** Royal violet with dark bee.

**Blue Bird Series.** A white bee on clear medium blue petals.

**Blue Jay.** Medium blue with dark bee.

**Cameliard Series.** Pure lavender with white bee.

**Galahad Series.** Finest white. Strong stems; branching habit. 3-in. flowers.

**Guinevere.** Light pink-lavender with white bee.

**King Arthur.** Brilliant royal violet with white bee.

**Percival Series.** Large, glistening white flowers with contrasting black bees.

**Summer Skies.** Clear light blue with white bee.

**Round Table Mixture.** All Pacific Giants.

Any of above, except where noted, tr. pkt. \$1.25, 1/8oz. \$2.25, 1/4oz. \$4.00, oz. \$13.50

**Belladonna Improved.** Light blue. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

**Bellamosum Improved.** Dark blue. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

**Blackmore & Langdon Strain Mixed.** One of the best-known strains. Tr. pkt. 50c, 1/4oz. \$1.25, oz. \$3.75, 1/4lb. \$12.50.

**Gold Medal Hybrids Mixed.** Dark shades. Tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00.

**Lamartine.** Gentian-blue with cream center. Fine for cutting. Tr. pkt. 50c, 1/4oz. \$1.35, oz. \$4.75.

**Wrexham (Hollyhock) Strain.** Long flowering period. Extremely long and tapering spire-like spikes. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.40.

## CHINENSE

**Alba.** Pure white. 2 to 3 ft. Tr. pkt. 35c, oz. \$1.25.

**Blue Mirror.** (New.) Bright navy-blue, spurless flowers. Tr. pkt. 50c, 1/4oz. \$1.15, oz. \$3.60.

## DICENTRA (Bleeding-Heart)

1600 S; germinate same as Trollius

**Spectabilis.** Rose-red flowers. Tr. pkt. \$1.50, 1/6oz. \$2.50, 1/8oz. \$4.50

## DICTAMNUS (Gas-Plant)

1700 S; soak seed (germinates unevenly)

**Fraxinella, Red.** Rosy pink flowers with deeper veins; very showy. 2 1/2 ft. Tr. pkt. 35c, 1/4oz. 75c, oz. \$2.25.





DIGITALIS, Horizontal Excelsior Hybrids

## DIANTHUS

26,600 S; 65° to 70° F.; 2 to 4 weeks

### BARBATUS (SWEET WILLIAM)

**Giant White.** Extra large-flowered strain.

**Newport Pink.** Very attractive rich pastel salmon-rose.

**Scarlet Beauty.** Intense scarlet-red.

**Double Mixture.** Formula mixture of all colors.

Any of above, tr. pkt. 30c, 1/4oz. 75c, oz. \$2.40

**Double Dwarf Midget Mixed.** Tr. pkt. 35c, 1/4oz. 85c, oz. \$3.00.

**Dwarf Single Midget Mixed or Indian Carpet.** Excellent rock plant. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50.

### PLUMARIUS

**Semperflorens** (Florist's Perpetual Pinks). Extra-choice mixture. Tr. pkt. 35c, 1/4oz. 60c, oz. \$2.00.

**Semperflorens, Cyclops.** Rose and red shades with deeper eye. Tr. pkt. 35c, 1/4oz. 60c, oz. \$2.00.

**Spring Beauty.** Very fragrant; double giant carnation-like form. Beautiful color range. Tr. pkt. 50c, 1/4oz. \$1.40, oz. \$5.00.

**Special Scotch Extra Double Mixture.** Large, 100% double flowers with non-incurved petals. Mixture of rose, mauve, crimson, scarlet colors with purple and dark red marks and zones. Tr. pkt. 35c, 1/8oz. \$1.00, 1/4oz. \$1.75, oz. \$5.10.

## DIGITALIS (Foxglove)

272,500 S; 65° to 70° F.; 2 to 3 weeks

**Horizontal Excelsior Hybrids.** The florets of this new strain are carried either horizontally or nearly so, thus revealing the full effect of the markings inside the bells. Complete color range. Tr. pkt. 50c, 1/4oz. \$1.20, 1/2oz. \$1.95, oz. \$3.60.

**Shirley Hybrids Mixed.** Enormous flowers. 6 to 7 ft. Tr. pkt. 35c, 1/4oz. \$1.00, oz. \$3.00.

## FORGET-ME-NOT (Myosotis)

30,400 S; 65° to 70° F.; 2 to 3 weeks

**Carmine Bedder.** (New.) This is the deepest rose color. The 6-in. plants produce an abundance of bright rosy carmine flowers. Tr. pkt. 50c, 1/4oz. \$1.15, oz. \$4.00.

**Alpestris, Rose.** Delicate rose-pink. Tr. pkt. 40c, 1/4oz. 95c, oz. \$3.15

### Hybrida

**Isolde Krotz.** Extra dwarf, very large flowered. Rich blue.

**Margo Sacher.** Celestial blue. The largest flowered of all.

Either of above, tr. pkt. 50c, 1/4oz. 95c, oz. \$3.15

**Victoria Strain.** Has very dwarf, globular growth; large flowered.

Azure-Blue Indigo-Blue Rose White

Any of above, tr. pkt. 40c, 1/8oz. 85c, 1/4oz. \$1.60



GAILLARDIA, Goblin

## GAILLARDIA grandiflora

9500 S; 65° to 70° F.; 2 to 3 weeks

**Burgundy.** Wine-red flowers 2 1/2 in. across. Blooms from June till frost. 2 1/2 ft.

**Dazzler.** Large flowers of bright golden yellow with maroon-red center. 3 ft.

**Monarch Strain.** A superior strain of large, full-petaled flowers with an excellent range of colors.

Any of above, tr. pkt. 30c, 1/4oz. 50c, oz. \$1.75

**Goblin.** Forms attractive, compact plants with red and yellow bicolored flowers. Free flowering.

**Golden Goblin.** Bright yellow. Compact plants.

Either of above, tr. pkt. 30c. 1/4oz. 65c, oz. \$2.25

## GEUM (Avens)

7000 S; 65° to 70° F.; 3 to 4 weeks

**Lady Stratheden.** Orange-yellow, large, double flowers.

**Mrs. Bradshaw.** Bright scarlet, splendid double flowers. 2 ft.

Either of above, tr. pkt. 30c, 1/4oz. 60c, oz. \$1.75

**Orange Queen.** Orange-scarlet, large double flowers. Tr. pkt. 50c, 1/8oz. \$1.25.



## GYPHOSOPHILA

33,000 S; 65° to 70° F.; 1 to 2 weeks

**Double Snowflake.** 40 in. 20 to 40% double. Pure white. Tr. pkt. 50c, 1/4oz. \$1.50, oz. \$5.00.  
**Oldhamiana** (Perennial Baby's Breath). Autumn flowering; rose-pink. Tr. pkt. 35c, 1/4oz. 75c, oz. \$2.50.

## HELLEBORUS

**Niger** (Christmas Rose). Bright green foliage and attractive white blooms in late winter or early spring. Tr. pkt. 70c, 1/4oz. \$1.20, oz. \$3.60.

## HEUCHERA (Coral Bells)

750,000 S; 65° to 70° F.; 2 to 3 weeks

**Sanguinea hybrida Mixed.** Shades of red through rose to white. Tr. pkt. 50c, 1/6oz. \$1.75.

## HOLLYHOCK

3200 S; 65° to 70° F.; 2 to 3 weeks

**Chater's Mixed.** Tr. pkt. 35c, 1/4oz. 65c, oz. \$2.00.  
**Triumph Strain.** Beautiful fringed flowers in new shades. Tr. pkt. 55c, 1/4oz. \$1.00, oz. \$3.00.  
**IBERIS** (Hardy Candytuft). See Candytuft.



LIATRIS SCARIOSA, Snow-White

## LIATRIS (Gayfeather)

9500 S; 65° to 70° F.; 3 to 4 weeks

**Pycnostachya.** Long-stemmed rosy crimson spikes 15 to 18 in. long. Finest for cutting.  
**Scariosa.** Rosy purple; long spikes. 4 ft.  
**Scariosa, Snow-White.** Considered by many to be the most beautiful Liatris. Blooms of purest white.  
**Any of above, tr. pkt. 50c, 1/4oz. \$1.80**



LUPINES, Russell Hybrids Mixed

## LUPINES

1000 S; 65° to 70° F.; 3 to 4 weeks (soak seed)

**Russell Hybrids Mixed.** Large flowers; marvelous color range. Tr. pkt. 35c, 1/4oz. 60c, oz. \$2.00, 1/4lb. \$6.00.

### Separate Colors

**Chandelier.** Yellow shades.

**My Castle.** Shades of brick-red.

**The Chatelaine.** Shades of delicate pink.

**The Pages.** Shades of glowing carmine.

**Any of above separate colors, tr. pkt. 75c, oz. \$2.75, 1/4lb. \$8.25**

## LYCHNIS

64,000 S; 65° to 70° F.; 3 to 4 weeks

**Forresti Hybrids.** Free-blooming strain in shades of pink, carmine and white. 2 ft. Tr. pkt. 35c, 1/4oz. \$1.10, oz. \$3.30.  
**Viscaria splendens.** Rosy lilac; for rock gardens. 14 in Tr. pkt. 25c, 1/4oz. 50c.

## MATRICARIA (Bridal Rose or Feverfew)

145,000 S; 65° to 70° F.; 2 to 3 weeks

**Ultra-Double White.** Select florists' strain. Closely approaches the quality usually obtained only from cuttings. Tr. pkt. \$1.00, 1/6oz. \$2.00, 1/4oz. \$6.00.

**Ball Double White.** Extra select. 18 in. Tr. pkt. 40c, 1/6oz. \$1.10, 1/4oz. \$2.00.

**MYOSOTIS.** See Forget-Me-Not.

## POPPY, ORIENTAL

140,000 S; 65° to 70° F.; 1 to 2 weeks

**Beauty of Livermere.** Dark oxblood-red.

**Brilliant.** Vivid fiery red.

**Princess Victoria Louise.** Light orange-salmon.

**Choice Mixed.** Mixture of all colors.

**Any of above, tr. pkt. 40c, 1/4oz. \$1.20, oz. \$3.60**

Hardy perennial seeds show much variation in germination. The life span of seeds depends a great deal on the conditions under which the seed was matured. The time required to germinate varies greatly. Our perennial seeds are grown by specialists, and each year we fill all orders from the latest (freshest) crop available. This assures our customers the BEST seed possible.





PRIMULA veris

### PRIMULA veris (Polyanthus)

33,000 S; 65° to 70° F.; 3 to 6 weeks

**Pacific Giants.** Enormous 3-in. flowers in the brightest colors. Earlier blooming. All seeds are saved by hand hybridization under glass.

**Pacific Giants Mixture.** A formula mixture from separate colors. The clear colors, larger flowers and longer stems make this strain outstanding.

#### Separate Colors

<b>Blue Shades</b>	<b>Rose Shades</b>	<b>Pink Shades</b>
<b>Scarlet and Bright Red Shades</b>		
<b>Yellow and Bronze Shades</b>		

Any of above, tr. pkt. \$2.35, 1/6oz. \$4.00,  
1/16oz. \$12.00, 1/4oz. \$35.00

#### GIANT FLOWERED

##### Bright Yellow

**Coerulea.** Blue shades.

**Red Shades**

**Giant Munstead.** Light shades.

**White**

**Colossea Mixed.** Giant flowered choicest mixed. Contains many new shades.

Any of above, tr. pkt. \$1.00, 1/16oz. \$1.35, 1/8oz. \$2.50

**Japonica Mixed.** Crimson, rose and pink flowers borne in whorls on 6 to 9-in. stems. Tr. pkt. 50c, 1/8oz. \$1.00.

**Acaulis Blue.** Beautiful shade of blue. Tr. pkt. \$1.25.

**Acaulis Mixed.** When in full bloom, these luxuriant plants are a mass of brilliance. Each tight, rose-like bud is carried on a separate stem. Tr. pkt. \$1.10.

**Auricula, Monarch Strain Mixed.** An exceedingly hardy Primula. Very attractive plant forming rosettes of thick leaves, sometimes farinose or mealy. The plants bloom from April to June and again in the fall. Tr. pkt. \$1.10.

**Sieboldi.** Most rugged Primula. Beautiful yet fragile-looking, fringed blooms of white, rose and lavender shades. Sow late fall and winter and place flats outside to freeze in order to assure germination. 350 seeds \$2.50.

**Denticulata grandiflora.** Beautiful globular blooms on long stems. White, blue and violet shades in this mixture. Tr. pkt. \$1.00, 1/16oz. \$1.50, 1/8oz. \$2.50.

**Cashmiriana.** A form of Denticulata. Rosy lilac blooms. 12 in. Tr. pkt. 60c, 1/16oz. \$3.25, 1/8oz. \$5.30.

### PYRETHRUM (Painted Daisies)

22,000 S; 65° to 70° F.; 2 to 3 weeks

**James Kelway.** Rich crimson-scarlet. Tr. pkt. 60c, 1/4oz. \$2.00.

**Robinson's Giant Hybrids.** Tr. pkt. 60c, 1/4oz. \$1.75, oz. \$5.00.

**German's Giant Double Mixed.** High percentage of double flowers; excellent color range. Tr. pkt. 50c, 1/8oz. \$1.55, 1/4oz. \$2.75, oz. \$8.20.

### SCABIOSA

2400 S; 65° to 70° F.; 2 to 3 weeks

**House's New Hybrids.** Tr. pkt. 45c, 1/4oz. \$1.35, oz. \$4.00.

**SWEET WILLIAM.** See Dianthus barbatus.

### TRITOMA (Red-Hot Poker)

20,000 S; 65° to 70° F.; 3 to 4 weeks (slow and uncertain)

**Royal Castle Hybrids.** Splendid new color range; flowers of perfect form.

**Uvaria grandiflora.** Fiery red with yellow.

Either of above, tr. pkt. 50c, 1/4oz. \$1.50, oz. \$4.50

### TROLLIUS Ledebouri

8000 S; expose seed flats to freezing temperature for several weeks, then bring into 60° house

**Dark Orange.** As named.

**Golden Queen.** Golden orange petals, yellow anthers; large. The best variety. 3 to 4 ft.

Either of above, tr. pkt. 50c, 1/16oz. \$1.20, 1/8oz. \$2.00

### VIOLA cornuta

24,000 S; 65° to 70° F.; 2 to 3 weeks

#### CORNUTA (Small-flowered Types)

**Blue Gem (Jersey Gem).** Deep violet-blue. Tr. pkt. 60c, 1/8oz. \$2.00.

**Blue Perfection.** Large-flowered light blue. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Johnny Jump Up, Mixed.** Small, free-flowering mixture. Tr. pkt. 60c, 1/8oz. \$1.35.

**King Henry.** Purple-violet with blue. Tr. pkt. 60c, 1/4oz. \$2.20, oz. \$6.50.

**Lutea Splendens.** Golden yellow. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Papilio.** Blue and white combinations. Extra dwarf. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00.

#### CORNUTA HYBRIDA (Large-flowered Types)

**Admiration.** Deep violet-blue. Tr. pkt. 60c, 1/4oz. \$2.00, oz. \$6.00.

**Arkwright Ruby.** Rich crimson with dark eye. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Chantreyland.** Pure apricot; very free blooming. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Purple Bedder.** Rich wine-purple with small yellow eye. Tr. pkt. 60c, 1/8oz. \$1.60, 1/4oz. \$2.90.

**White Perfection.** Large-flowered white. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**Yellow Gem.** Best pure yellow. Tr. pkt. 60c, 1/4oz. \$1.60, oz. \$5.25.

**Yellow Perfection.** Canary-yellow, an improved Lutea Splendens. Tr. pkt. 60c, 1/8oz. \$1.10, 1/4oz. \$2.00, oz. \$6.00.

**German's Special Mixture.** A superb mixture. Tr. pkt. 60c, 1/4oz. \$1.35, oz. \$4.80.

**Toyland.** (New.) A mixture of F<sub>2</sub> hybrids. Large well-rounded, 2-in. blooms, gracefully waved, on sturdy, compact plants. Color range: red, gold, apricot, blue, purple, violet, black and white. Extremely vigorous; prolific bloom. Tr. pkt. 75c, 1/8oz. \$1.75, 1/4oz. \$3.15.



# EXTRA-SELECT Vegetable Seeds

**Days to maturity:** The number of days indicated are from setting out plants to open fields, as applied to broccoli, cabbage, cauliflower, celery, pepper, and tomato, which ordinarily are transplanted.

## BEETS

2250 S; 65° to 75°F.

**Crosby's Egyptian.** 56 days.

**Detroit Dark Red.** 60 days.

**Ruby Queen.** 56 days. Globe-shaped, deep red Beets of high quality.

Tops short, with slender dark green leaves; crowns small, neat. The roots grow rapidly to good size with a smooth, dark red skin. Fine grained, tender and sweet flavored. Wonderful for home use and worth a trial for market.

Oz. 15c; 1/4lb. 55c.

Oz. 15c; 1/4lb. 55c.

Oz. 20c; 1/4lb. 55c.

## BROCCOLI

10,000 S; 65° to 75°F.

**Green Sprouting Early.** 70 days. Most easily grown, standard variety. All season, cut and come again. Tr. pkt. 20c; oz. 60c; 1/4lb. \$1.65.

## BRUSSELS SPROUTS

7000 S; 65° to 75°F.

**Long Island Improved.** 90 days. Forms large, compact central heads with very free laterals. Medium tall; attractive dark green.

Tr. pkt. 20c; 1/2oz. 35c; oz. 60c; 1/4lb. \$2.00.

**NEW F<sub>1</sub> HYBRID STRAIN.**

**Jade Cross.** 85 days. Silver Award Winner for 1959. Uniformly packed with firm sprouts from the ground up, it outmodes all other varieties. Extremely vigorous and uniform, 22 in. tall. From 3 to 9 days earlier than Long Island Improved, heavier in yields.

Tr. pkt. \$1.00; 1/4oz. \$2.00; oz. \$6.00; 1/4lb. \$18.00.

## CABBAGE

7000 S; 65° to 75°F.

All of our Cabbage seed is grown in an area free of black rot and black leg. All varieties marked (Y.R.) are yellows-resistant. They are produced by a specialist in the development and production of yellows-resistant seed, who devotes his entire effort to supplying strains of uniform types and quality.

### EARLY AND MEDIUM EARLY VARIETIES

(Yellows-Resistant Varieties)

**Bonanza.** 75 days. Small solid round heads maturing in midseason, will continue to grow for weeks without splitting and will remain perfectly uniform. Small cored, good quality and valuable shipper.

1/2oz. 35c; oz. 70c; 1/4lb. \$2.10; lb. \$6.00.

**Copenhagen Market.** See Wisconsin Copenhagen.

**Early Jersey Wakefield.** See Jersey Queen.

**Globe.** (Y.R.) 80 days. Fairly large, solid, globular, compact blue-green heads, small cored. Uniform, vigorous, dependable, heavy yielding; holds up well for summer and fall markets. Improved Glory type.

1/2oz. 35c; oz. 70c; 1/4lb. \$1.80; lb. \$5.50.

**Glory of Enkhuizen.** See Globe.

**Golden Acre.** See Wisconsin Golden Acre.

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**Jersey Queen.** (Y.R.) 58 days. Small, conical, 2 1/2-lb. heads; leaves smooth, dark green. Has the sweetest flavor of any Cabbage grown. A good early strain for home and market-garden use. Improved Early Jersey Wakefield.

1/2oz. 35c; oz. 70c; 1/4lb. \$1.80; lb. \$5.50.

**Racine Market.** (Y.R.) 65 days. The most uniform of all the early varieties. Plant small in comparison to the 4-lb. head it produces. Heads uniform and compact. May be cut over a period of many days without heads discoloring or bursting.

1/2oz. 35c; oz. 70c; 1/4lb. \$1.80; lb. \$5.50.

**Wisconsin Copenhagen.** (Y.R.) 65 days. Plant vigorous, developing deeply rounded, uniform hard heads even under adverse weather conditions. Ideal size for market—3 to 4 lbs. Improved Copenhagen Market.

1/2oz. 35c; oz. 65c; 1/4lb. \$1.75; lb. \$5.00.

**Wisconsin Golden Acre.** (Y.R.) 55 days. Earliest round-head variety, very uniform, with smooth dark green leaves. Its best quality production is in the spring. Excellent for early home garden and market trade. Improved Golden Acre.

1/2oz. 35c; oz. 70c; 1/4lb. \$2.10; lb. \$6.00.

### LATE OR WINTER VARIETIES

**Danish Ballhead, Penn State Strain.** 100 days. Heads very solid, uniform and globe shaped. Fine-grained, excellent keeping variety. Popular size for market.

1/2oz. 35c; oz. 70c; 1/4lb. \$2.10; lb. \$6.00.

**Improved Wisconsin Ballhead.** (Y.R.) 95 days. Earliest round-head variety, summer and early fall crops. Plants fairly small. Round, clean, solid, compact heads; short stemmed. Earlier than most Danish types. Not cold resistant and will not take storage.

1/2oz. 35c; oz. 70c; 1/4lb. \$2.10; lb. \$6.00.

**Pennvalley.** (Y.R.) 100 days. A Penn State Ballhead type but with a longer stem and slightly deeper head. More vigorous, leaves more brittle. Also a very good storer.

1/2oz. 35c; oz. 70c; 1/4lb. \$2.10; lb. \$6.00.

**Premium Late Flat Dutch.** 100 days. Well known for its large, flat, solid heads of high quality, weighing around 10 lbs. Valuable for late fall and winter, because heads have good keeping qualities.

1/2oz. 35c; oz. 70c; 1/4lb. \$2.10; lb. \$6.00.

**Resistant Danish Ballhead.** See Improved Wisconsin Ballhead.

Discontinued

### RED AND SAVOYED VARIETIES

**Resistant Red Hollander.** (Y.R.) 95 days. A late, round, red, very uniform head. Heads are solid and compact from formation to maturity, allowing for early cuts if desired. Ideal for late fall shipping and is an excellent storer.

1/2oz. 45c; oz. 90c; 1/4lb. \$2.90; lb. \$9.00.

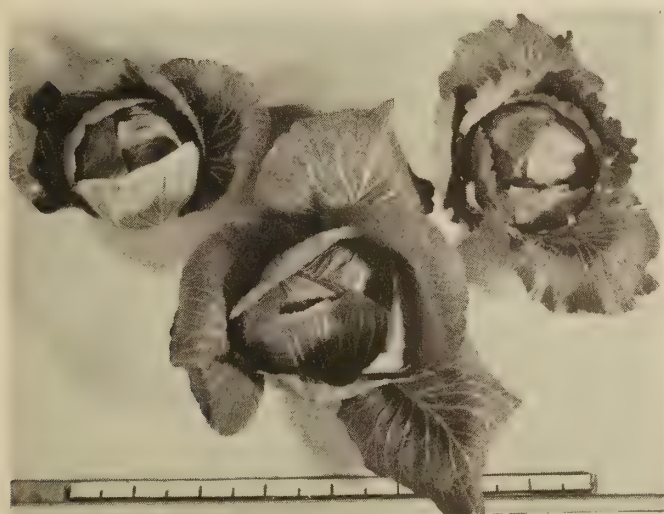
**Savoy, Chieftain.** 80 days. Medium large flat heads, rounded on top. Slow bolting; uniformly savoyed.

1/2oz. 35c; oz. 70c; 1/4lb. \$1.80; lb. \$5.00.

**Wisconsin Red Acre.** 75 days. Earliest red Cabbage. This excellent strain is famous for its dependable early yields, fine quality and ability to stand a long time in the field without splitting, also sure heading. Deep globe, uniform, medium-sized heads, ripening early. This red Cabbage is just what is wanted by the markets, for it sells well; also good for the home garden. Keeps well in storage.

1/2oz. 45c; oz. 90c; 1/4lb. \$2.90; lb. \$9.00.

A discount of 5% per lb. will be allowed on the purchase of 5 lbs. or more of any ONE VARIETY from the above list.



F<sub>1</sub> HYBRID CABBAGE (Center)

Two small heads are parent strains; center is the resulting F<sub>1</sub> Hybrid. Note its remarkable vigor.



F<sub>1</sub> HYBRID CABBAGE

### NEW F<sub>1</sub> HYBRID STRAINS

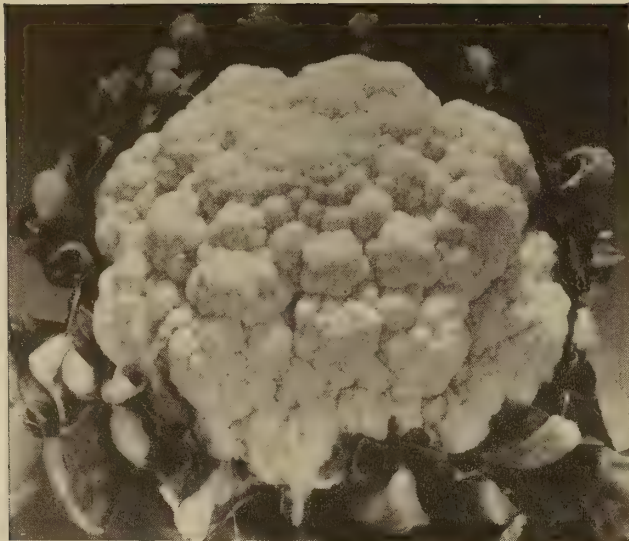
**Greenfield** (N. S. Cross). 94 days. Late season. Late Flat Dutch type. A sensation among market growers. Extremely hard, firm heads that are slow to bolt. Heads weigh 5 to 7 lbs., with small cores and white interior. Very uniform.

**Greengold** (C. C. Cross). 65 days. Extra-early, very uniform, compact and short stemmed. Average 3 lbs. Copenhagen type.

**Periwinkle** (O. S. Cross). 70 days. All-America Winner. Medium early. Its exceptional uniformity and vigor amaze all who have grown it. Very large, solid, flat heads with small cores and white interior; outer leaves quite blue in color.

Any of above, tr. pkt. (1000 seeds) \$1.00; 1/2oz. \$1.95; oz. \$3.50; 1/4lb. \$10.65





CAULIFLOWER, Snowball "A"

## CAULIFLOWER

7000 S; 65° to 75° F.

**Extra Early Snowball.** 52 days. Compact, pure white heads of superb quality. Best early variety.

**Snowball "A".** 55 days. Medium heads, deep and solid, ivory-white.

**Snowball "X".** 60 days. Large, firm, pure white heads, maturing gradually. Best variety for the home gardener.

**Super Snowball.** 55 days. Regular in maturing, waxy white.

Any of above, tr. pkt. 40c; 1/4oz. 80c; 1/2oz. \$1.40; oz. \$2.50; 1/4lb. \$8.00; lb. \$24.00

A discount of 5% per lb. will be allowed on the purchase of 5 lbs. or more of any ONE VARIETY from the above list.



## CELERY

8000 S; 65° to 75° F.

**Cornell No. 619.** 95 days. Self-blanching golden, long stalked, smooth ribbed, crisp and deeply rounded. Excellent quality. Bolts quickly if started too early.

Tr. pkt. 50c; 1/2oz. 85c; oz. \$1.55; 1/4lb. \$5.25.

**Summer Pascal.** 110 days. High quality, upright growth and long stems lead to its attractiveness. Crisp, green and tender. Stands handling well and is a good shipper.

Tr. pkt. 45c; 1/2oz. 75c; oz. \$1.40; 1/4lb. \$4.50.

**Utah No. 52-70.** 125 days. Most widely grown Celery today. Vigorous, healthy, rugged, tall, erect plants with thick smooth stems of high quality. Good green color and packs well.

Tr. pkt. 70c; 1/2oz. \$1.20; oz. \$2.15; 1/4lb. \$7.10.

## CUCUMBER 1000 S; 65° to 75° F.

### F<sub>1</sub> HYBRIDS

**Early Marketer.** 60 days. Standard slicer. Uniform and trim, tapered at both ends. Tr. pkt. 50c; 1/4oz. \$1.40; oz. \$4.20; 1/4lb. \$12.50.

**Early Surecrop.** 58 days. Slender fruits with blunt ends; flesh crispy and white. 8 to 9 in. long. Tr. pkt. 50c; 1/4oz. \$1.40; oz. \$4.20; 1/4lb. \$12.00.

## EGGPLANT

6000 S; 65° to 75° F.

### STANDARD VARIETY

**Black Beauty.** 80 days. Large, deep purple fruit. Solid and tender, with a good flavor.

Tr. pkt. 20c; 1/4oz. 25c; 1/2oz. 40c; oz. 80c; 1/4lb. \$2.15; lb. \$7.50.

### F<sub>1</sub> HYBRIDS

**Mission Bell.** 70 days. Deep, oval, dark, glossy fruit, tapering slightly toward the stem. Smooth, shiny skin. Plants vigorous, upright, medium tall. Excellent quality, high yields and earliness combine to make this an outstanding variety. Tr. pkt. 75c; 1/2oz. \$1.25; oz. \$2.25.

**Hybrid No. 25.** 65 days. Oval fruited, very early maturing. Glossy black skin. Continuous bearer; prolific. Tr. pkt. 60c; 1/2oz. \$1.00; oz. \$1.85.



ONION, Yellow Sweet Spanish PW No. 106

## LETTUCE

15,000 S; 60° to 70° F.

### LOOSE-LEAF

**Grand Rapids.** 42 days. Most popular variety. Exceedingly tender, crisp and large leaved. Tr. pkt. 15c; oz. 30c; 1/4lb. 70c.

**Ruby.** 47 days. All-America Winner for 1953. Non-heading, fancy, frilled and crisp, bronzy red. Tr. pkt. 40c; oz. 70c; 1/4lb. \$2.00.

**Salad Bowl.** 45 days. Leaves short and close set, fine flavored. Withstands summer heat, slow to bolt. Tr. pkt. 25c; oz. 65c; 1/4lb. \$1.65.

### HEAD LETTUCE

**Bibb.** See Burpeeana, which we recommend.

Discontinued

**Burpeeana.** (New.) 75 days. Butterhead. Leaves loosely folded, always crisp and sweet. Tr. pkt. 50c; oz. \$1.00; 1/4lb. \$3.00.

**Great Lakes No. 659.** 80 days. Early, heat resistant, slow bolting. Heavy solid heads; withstands frost. Tr. pkt. 30c; oz. 65c; 1/4lb. \$1.75.

**Pennlake.** 75 days. Large, compact, uniform heads, slow to bolt. Tr. pkt. 25c; oz. 70c; 1/4lb. \$1.90; 1/2lb. \$2.90.

**Premier Great Lakes.** 80 days. Solid, round heads, 7 in. across, average 2 lbs. Resistant to tip-burn. Tr. pkt. 35c; oz. 75c; 1/4lb. \$2.00; 1/2lb. \$3.15.

## MUSKMELON

1000 S; 65° to 75° F.

**Early Delicious No. 51.** 80 days. Fusarium resistant. Orange flesh, thick sweet, and juicy. Good for home gardeners and local markets.

Tr. pkt. 20c; 1/2oz. 35c; oz. 50c; 1/4lb. \$1.50.

**Harvest Queen.** (New.) 85 days. Fusarium resistant. Oval shape; extra-thick flesh. Good shipper and keeper.

Tr. pkt. 20c; 1/2oz. 35c; oz. 50c; 1/4lb. \$1.50.

**Pennsweet.** 80 days. Dependably early; medium size. One of the sweetest. Averages 1 1/2 lbs.

Tr. pkt. 20c; 1/2oz. 35c; oz. 50c; 1/4lb. \$1.40.

### F<sub>1</sub> HYBRID

**Super Market.** 82 days. Fusarium resistant. Deep salmon, thick, firm flesh. Delicious flavor. Holds up well; very prolific.

Tr. pkt. \$1.00; 1/4oz. \$2.25; oz. \$8.50.

## WATERMELON

415 S; 65° to 75° F.

**Sugar Baby.** (New.) 83 days. Icebox type. Flesh solid, firm, crisp and fine textured, bright red. The flavor is excellent, sweet and tasty. Diameter 7 to 8 in. Perfectly round, with a hard rind; stands handling and shipping well. Tr. pkt. 15c; 1/2oz. 25c; oz. 35c; 1/4lb. \$1.20.

**Takii Earliest Gem.** 78 days. Icebox type. Oval shaped, thin skinned bright red flesh. Very prolific.

Tr. pkt. 25c; 1/2oz. 35c; oz. 65c; 1/4lb. \$1.65.

### F<sub>1</sub> HYBRID

**New Early Midget.** (New.) 80 days. Icebox type. Thick dark green skin; crisp red flesh. Good shipper. It is superior in every way to present Icebox-type melons, in both eating and shipping qualities.

1/4oz. \$1.15; oz. \$3.50; 1/4lb. \$10.00.



## ONION 9000 S; 60° to 70° F.

### BUNCHING VARIETY

**Beltsville Bunching.** 60 days. White skinned, mild flavored. Quite resistant to heat. Ideal for seeding in summer for production of long white shank, green onions or scallions. At the end of the season a slight bulb forms. **Oz. 65c; 1/4lb. \$1.80; lb. \$5.25.**

### STANDARD VARIETIES

**Prizetaker.** See Elite, which we highly recommend. Discontinued  
**Utah Sweet Spanish.** 112 days. Skin amber-yellow; globe shaped. Flesh firm but juicy and sweet. Good keeping quality. **1/2oz. 35c; oz. 65c; 1/4lb. \$1.80; lb. \$5.25.**

### F<sub>1</sub> HYBRIDS—Adapted for Northern Areas

**Abundance.** 100 days. Light yellow skin, uniformly large deep globe shape, good size, heavy yielder.

**Tr. pkt. 30c; 1/2oz. 50c; oz. 90c; 1/4lb. \$2.80; lb. \$8.50.**

**Elite.** (New.) 105 days. Especially adapted to muck soil. A very heavy yielder. Large, deep globe-shaped Onions; skin glossy brown. Plant Elite for your main storage Onion this year.

**Tr. pkt. 30c; 1/2oz. 50c; oz. 90c; 1/4lb. \$2.80; lb. \$8.50.**

**Epoch.** (New.) 95 days. High globe shape; hard white flesh. Matures early. An outstanding hybrid Onion, excellent for packaging. Comes out of storage with a high percentage of uniform, number one bulbs.

**Tr. pkt. 30c; 1/2oz. 40c; oz. 75c; 1/4lb. \$2.20; lb. \$6.50.**

**Yellow Sweet Spanish P. W. No. 106.** (New.) 95 days. Heavy yielder of golden yellow, very uniform, large globe-shaped bulbs. More uniform and heavier than Utah Sweet Spanish. Flesh is firm, yet very juicy and sweet. Good storer because of its high keeping quality.

**Tr. pkt. 30c; 1/2oz. 60c; oz. \$1.15; 1/4lb. \$3.25; lb. \$9.75.**

A discount of 5% per lb. will be allowed on the purchase of 5 lbs. or more of any ONE VARIETY from the above list.

## PEPPER 3000 S; 70° to 80° F.

Maturity dates indicate approximate time required from final planting to the production of marketable green Peppers.

### SWEET VARIETIES

**All Big** 60 days. Big; thick fleshed. Matures early, sets fruit in hot weather, prolific. An improved World Beater.

**1/2oz. 60c; oz. \$1.00; 1/4lb. \$3.35; lb. \$11.00.**

**California Wonder.** 73 days. Four lobed; thick sweet flesh. Green changing to crimson. A good stuffer.

**1/2oz. 50c; oz. 90c; 1/4lb. \$2.65; lb. \$8.00.**

**Calwonder Early.** 70 days. Large, attractive, blocky fruit; thick meat. Deep green changing to bright red.

**1/2oz. 50c; oz. 90c; 1/4lb. \$2.80; lb. \$8.50.**

**Golden Wonder.** 68 days. Thick sweet flesh. Productive over a long period. Green changing to deep golden yellow.

**1/2oz. 60c; oz. \$1.00; 1/4lb. \$3.35; lb. \$10.00.**

**Harris Early Giant.** We recommend Vinedale. Discontinued

**King of the North.** 65 days Medium thick, early, large fruits, slightly tapered.

**1/2oz. 45c; oz. 80c; 1/4lb. \$2.25; lb. \$7.50.**

**Pennwonder.** 60 days. The finest, most dependable, early Pepper grown. More uniform, sturdy growth of good size. Thick-meated, blocky-shaped, sweet mild Peppers. Dark green in color, turning to a rich red. Good for home gardens and marketing.

**1/2oz. 50c; oz. 95c; 1/4lb. \$2.95; lb. \$9.50.**

**Pimiento Perfection.** 72 days. Heart shaped, sweet, medium thick walls, smooth skin. Turns scarlet.

**1/2oz. 45c; oz. 70c; 1/4lb. \$2.50; lb. \$7.50.**

**Sunnybrook (Sweet Cheese).** 72 days. Most popular pimiento Pepper grown. Smooth tomato or squash shape. Early, prolific, scarlet-red. 2 x 3 in.

**1/2oz. 45c; oz. 80c; 1/4lb. \$2.50; lb. \$7.50.**

**Sweet Banana.** 60 days. Same as sweet Hungarian Yellow Wax. Smooth, pointed fruit, 6 in. long, banana-yellow turning red. Looks like a hot Pepper but is sweet.

**1/2oz. 50c; oz. 90c; 1/4lb. \$3.00; lb. \$9.00.**

**Vinedale.** 63 days. Replaces and improves Harris Early Giant. Extremely early ripening, vigorous, productive, sure cropper. Fruits somewhat tapered and borne upright, with fairly thick flesh of good quality. Produces red Peppers right from the beginning of the season.

**1/2oz. 50c; oz. 85c; 1/4lb. \$3.25; lb. \$10.00.**

**Yolo Wonder A.** 77 days. Improved strain, eliminating the faults of all other low-producing Peppers in the Northeast. Highly mosaic resistant. Large, 3 to 4-lobed, heavy, thick-meated fruit, very attractive and of high quality. Highly recommended for both home and market use.

**1/2oz. 50c; oz. 85c; 1/4lb. \$2.25; lb. \$7.75**

### PUNGENT OR HOT VARIETIES

**Hungarian Block Type.** (New.) 65 days. Medium hot flavor. Fruits taper to a blunt point and are borne erect on quite small plants. Light yellow, turning orange, then red as they ripen. They are 4 in. long and 2 1/2 in. wide at the shoulder.

**1/2oz. 50c; oz. 85c; 1/4lb. \$3.25; lb. \$10.00.**

**Hungarian Yellow Wax.** 60 days. Pendent, vigorous, prolific, smooth and tapered. Ripens early to a waxy yellow, turning bright red when fully ripened. It is widely grown for market and canning.

**1/2oz. 50c; oz. 90c; 1/4lb. \$2.90; lb. \$9.00.**

**Large Red Cherry.** 70 days. Round, smooth and solid. Used for pickles.

**1/2oz. 50c; oz. 85c; 1/4lb. \$2.55; lb. \$8.00.**

**Long Red Cayenne (Thick).** 70 days. Hot, pungent, tapered bright red fruit. Often curled and twisted, averaging 1 in. in diameter. Easily dried for winter.

**1/2oz. 40c; oz. 60c; 1/4lb. \$2.00; lb. \$6.00.**

**Tr. pkts. of any of the above varieties, 30c each**

A discount of 5% per lb. will be allowed on the purchase of 5 lbs. or more of any ONE VARIETY from the above list.



TOMATO, Tuckcross O



TURNIP,  
Just Right

## TOMATO 7000 S; 60° to 70° F.

### SPECIAL FORCING

**Michigan State Forcing.** 75 days. Wilt resistant. Early, heavy yielder. Deep rich scarlet, globe-shaped fruits hang in large clusters. Average weight 4 to 5 ozs. **Tr. pkt. 50c; 1/4oz. \$1.00; oz. \$3.00.**

### F<sub>1</sub> HYBRID FORCING

**Tuckcross O.** (New.) 70 days. An early forcing type, very productive and sets fruit well under adverse weather conditions. Highly disease resistant; recommended as a large-fruited greenhouse variety. Uniform, large, smooth, globe-shaped, very meaty red fruit with a mild flavor of excellent quality. **Tr. pkt. \$1.25; 1/16oz. \$3.30; 1/4oz. \$11.00; oz. \$33.00.**

### STOKESCROSS VARIETIES

The astonishing vigor of the Stokescross Tomatoes will, in varying degrees, develop these advantages: production increase up to 30%; earlier, more continuous and profuse fruit setting; more extended harvest season; distinctive qualities of color, flavor and firmness; less cracking of fruit.

**Stokescross No. 1.** 65 days. Extra early. Superior in nearly every respect to Stokesdale. Average weight 3 ozs. Color and flavor are unique. Plants may be set 2 by 3 ft., for the foliage is light.

**Stokescross No. 4.** 70 days. This variety will mature a profusion of 5-oz. Tomatoes. Developed for the shipping trade and for northern processors.

**Stokescross No. 5.** 75 days. Early main crop. Average weight 6 ozs. Distinguished by its amazing vigor. Production increase up to 30% is not unusual. Rich flavor, high color.

**Any of the above, tr. pkt. 75c; 1/4oz. \$1.25; 1/2oz. \$1.80; oz. \$3.50; 1/4lb. \$12.00**

### OUTSTANDING IMPROVED STOKES STRAINS

Certified Tomato seed by Stokes. Treated with New Improved Ceresan.

**Master Marglobe.** 75 days. Chiefly resistant to fusarium wilt and nail-head rust. Most outstanding uniform strain, heavily productive. Smooth, deep globe-shaped fruit, solid and firm.

**Rutgers.** 73 days. Large, globular fruit with thick walls. Prolific and vigorous. Good for shipping or canning.

**Valiant.** 70 days. Deep globe shaped. Large meaty fruit, mild flavor, good rich red color. Ripens early.

**Any of above three varieties, tr. pkt. 35c; 1/2oz. 50c; oz. 95c; 1/4lb. \$3.10; lb. \$9.50**



## VEGETABLES, continued

### NOVELTY TOMATO

**Caro-Red.** 75 days. The NEW orange Tomato, with exceptionally mild flavor. Same shape and season as Rutgers. Rich in vitamin A and distinct from other types presently grown. The inside flesh color is orange-red. High in Beta-carotene, the vitamin A pigment common in carrots, spinach and other vegetables rich in vitamin A. This places Caro-Red on a par with carrots as an excellent source of vitamin A.  
**Tr. pkt. 35c; 1/2oz. 50c; oz. 95c; 1/4lb. \$3.10.**

**STANDARD TOMATOES.** (B.R.) signifies blight resistant.

**Big Red.** (New.) 72 days. Excellent mild flavor. Has the uniform ripening factor. Large determinate vines; fruits average 3 1/2 to 4 in. in diameter, with very solid, multiloculed interior with a very small core.  
**Tr. pkt. 75c; 1/4oz. \$1.25; 1/2oz. \$1.80; oz. \$3.50; 1/4lb. \$12.00.**

**Beefsteak (Crimson Cushion).** 83 days. Large flat solid fruit; scarlet.  
**1/2oz. 50c; oz. 85c; 1/4lb. \$2.70; lb. \$8.00.**

**Bonny Best.** 70 days. Large flat globe shape, smooth and solid.  
**1/2oz. 45c; oz. 60c; 1/4lb. \$2.00; lb. \$6.00.**

**Break o'Day.** (B.R.) 70 days. Globe shape; firm flesh. Heavy producer.  
**1/2oz. 45c; oz. 60c; 1/4lb. \$2.00; lb. \$6.00.**

**Campbell 146.** (New.) 85 days. Crack resistant. Maincrop Tomato, highly popular. Big yields of firm fruit of flattened shape and excellent color.  
**1/2oz. 50c; oz. 90c; 1/4lb. \$3.10; lb. \$9.50.**

**Fireball.** 60 days. Produces big crops of smooth firm fruit, with very little cracking. Good quality, not acid or sour.  
**1/2oz. 90c; oz. \$1.55; 1/4lb. \$4.65; lb. \$14.00.**

**Giant Tree or Italian Potato Leaved (Neal, Winsol, Belgium Giant).** 90 days. Extra-large, pink fruit, tender and mild.  
**Tr. pkt. 50c; 1/4oz. \$1.20; 1/2oz. \$1.90; oz. \$3.60; 1/4lb. \$12.00.**

**John Baer.** Discontinued

**Long Red.** 75 days. Bears until frost. Smooth, deep globe shape, thick and solid. Enormous yields.  
**1/2oz. 50c; oz. 95c; 1/4lb. \$3.10; lb. \$9.50.**

**Oxheart.** 90 days. Heart shape; heavy solid flesh. Mild flavor; rosy pink.  
**1/2oz. 60c; oz. \$1.10; 1/4lb. \$3.65; lb. \$11.00.**

**Ponderosa.** 90 days. Extremely large, deep flat-ribbed fruit. Purplish pink.  
**1/2oz. 65c; oz. \$1.20; 1/4lb. \$3.75; lb. \$12.00.**

**Pritchard (Scarlet Topper).** 70 days. Self topping, good all-round variety. Heavy yielder.  
**1/2oz. 45c; oz. 75c; 1/4lb. \$2.50; lb. \$7.50.**

**Queens.** 63 days. Smooth, deep globe-shaped fruit with good flavor. Good for market gardens and shipping.  
**1/2oz. 50c; oz. 95c; 1/4lb. \$3.10.**

**Sunray.** (B.R.) 80 days. Best yellow-orange. Thick, meaty walls, smooth, large and globular. Mild flavor.  
**1/2oz. 70c; oz. \$1.30; 1/4lb. \$4.25.**

**Tr. pkts. of the above Standard Tomato varieties except Giant Tree or Italian Potato Leaved, 35c each**

### SMALL-FRUITED VARIETIES

**Red Cherry.** 72 days. Small round fruits, 1/2 in. in diameter.  
**1/2oz. 50c; oz. 90c; 1/4lb. \$3.00.**

**Roma.** (New.) 75 days. Solid thick walls; 3 to 4 in. long, 1 to 1 1/2 in. in diameter. Compact and vigorous. Improved Red Top.  
**1/2oz. 65c; oz. \$1.20; 1/4lb. \$3.75.**

**San Marzano.** 70 days.  
**1/2oz. 65c; oz. \$1.20; 1/4lb. \$3.75.**

**Yellow Plum.** 70 days.  
**1/2oz. 50c; oz. 90c; 1/4lb. \$3.00.**

A discount of 5% per lb. will be allowed on the purchase of 5 lbs. or more of any ONE VARIETY from the above list.

### F<sub>1</sub> HYBRID VARIETIES

**Big Boy Hybrid.** @ 78 days. Smooth, deep globe shape, meaty flesh. Popular for home gardens. Averages 10 to 16 ozs.  
**Tr. pkt. \$2.25; 1/4oz. \$4.50; 1/2oz. \$8.50; 1/2oz. \$16.00; oz. \$30.00.**

**Reg. Trade Mark of W. Atlee Burpee Co.**

**Early Giant Hybrid.** 65 days. Largest early Tomato with heavy yields. Deep globe shape, thick walls, prolific.

**Giant King.** 80 days. Deep globe shape, colossal size, thick walls. Firm and meaty; bright scarlet color.

**Pa. 103.** (New.) 65 days. Thick, firm flesh, 4 to 6 cells. Round in shape, uniform in size throughout the season. Averages 5 ozs. Bright red color.  
**Tr. pkt. \$1.50; 1/4oz. \$2.50; 1/2oz. \$5.00; 1/2oz. \$9.35; oz. \$18.00.**

**New Wonder Boy.** 76 days. Improved selection. Extra-large, round, firm, meaty, midseason Tomato. Heavy yields of excellent flavor and quality. Scarlet-red fruits borne in large clusters; very prolific.

Any of the above, except Big Boy Hybrid and Pa. 103,

**tr. pkt. (300 seeds) \$2.00; 1/4oz. \$6.50; 1/2oz. \$12.00; oz. \$23.50**

**Neptune (Red Hybrid No. 21).** 65 days. Medium early, large, rounded, meaty fruit with few seeds. Bright scarlet-red. A heavy yielder.

**Venus.** 68 days. Smooth skin, ball shape, bright red. More desirable than Rutgers. Outyields Rutgers by 50%. One of the best red hybrids.

**Mars.** 72 days. Ponderosa type, vigorous in growth and highly disease resistant. Large, uniform, excellently shaped pink fruit. Average weight 1 lb. A very heavy cropper.

Any of the above, tr. pkt. (500 seeds) \$1.00; 1/4oz. \$2.80;  
**1/4oz. \$5.00; 1/2oz. \$9.35, oz. \$16.65**

## TURNIP

### F<sub>1</sub> HYBRID STRAIN

**Just Right.** (New.) 55 days. All-America Silver Medal Winner for 1960. The foliage is heavily cut. Uniform growth of well-developed, smooth white roots of flattened globe shape. For roots and greens, it promises to be the best all-round Turnip thus far created. It is much earlier than Shogoin. Usually planted in late summer for fall or winter crops. The leaves for greens may be pulled at any time. At maturity roots will measure 5 to 6 in. in diameter and 3 1/2 to 4 in. thick. It is the best-flavored Turnip now on the market.

**Tr. pkt. 35c; oz. 70c; 1/4lb. \$1.90; lb. \$5.60.**

**Purple-Top White Globe.** Extremely uniform strain.  
**1/4lb. 40c; lb. \$1.00; 5 lbs. or more at 90c per lb.**

## CONTAINERS and SUPPLIES

Our customers have repeatedly asked that we stock the following supplies. We have always specialized in seeds but hope the addition of these items will be helpful to you.

## PEAT POTS

### JIFFY-POTS The New Plant-Growing Container

This molded container is composed of 75% peat and 25% wood fiber, with soluble fertilizers added. These long-lasting pots can be used for many normal potting jobs. They are inexpensive, lightweight, need less watering and provide ideal root aeration. Used extensively for bedding plants, geraniums, hybrid tomatoes, poinsettias, cyclamen, tuberous-rooted begonias, gloxinias, carnations, chrysanthemums, snapdragons, asters, etc. With proper wrapping, plants can be shipped in them.

Jiffy-Pots are vulnerable to damage by careless handling when extremely wet. Dry and partially wet, they are tough and durable. When extremely wet, they should be held in the hand like a drinking glass rather than by the rim or edge.

All prices net, no discount

No. 115. 1 1/2-in. Round.		No. 122. 2 1/4-in. Round.	
Sold in cases of 3000, 18 lbs. per case. Min. order 3000.		Sold in cases of 3000, 35 lbs. per case. Min. order 3000.	
Quantity	Per 1000	Quantity	Per 1000
3,000 to 18,000.....	\$5.90	3,000 to 18,000.....	\$7.25
21,000 to 72,000.....	5.40	21,000 to 72,000.....	6.75
75,000 up.....	4.90	75,000 up.....	6.25

No. 130. 3-in. Round.	
Sold in cases of 1500, 35 lbs. per case. Min. order 1500.	
Quantity	Per 1000
1,500 to 9,000.....	\$13.25
10,500 to 49,500.....	12.25
51,000 up.....	11.00

No. 330. 3-in. Shorty.	
Sold in cases of 1500, 33 lbs. per case. Min. order 1500.	
Quantity	Per 1000
1,500 to 9,000.....	\$13.00
10,500 to 49,500.....	12.00
51,000 up.....	10.75

No. 335. 3 1/2-in. Shorty.	
Sold in cases of 1000, 35 lbs. per case. Min. order 1000.	
Quantity	Per 1000
1,000 to 6,000.....	\$18.25
7,000 to 29,000.....	17.00
30,000 up.....	15.25

### 2500 PER CASE

No. 222. 2 1/4-in. Square.	
Sold in cases of 3000, 35 lbs. per case. Min. order 3000.	
Quantity	Per 1000
3,000 to 18,000.....	\$5.90
21,000 to 72,000.....	5.40
75,000 up.....	4.90

No. 230. 3-in. Square.	
Sold in cases of 1000, 35 lbs. per case. Min. order 1000.	
Quantity	Per 1000
1,000 to 9,000.....	\$14.50
10,000 to 49,000.....	13.25
50,000 up.....	12.00

No. 240. 4-in. Square.	
Sold in cases of 500, 35 lbs. per case. Min. order 500.	
Quantity	Per 1000
500 to 4,500.....	\$29.00
5,000 to 19,500.....	26.75
20,000 up.....	24.50

Prepaid in lots of 150 lbs. or more

H. G. GERMAN, 103 Bank Street, Smethport, Penna.



## SUPPLIES, continued

All Plant-Paks and Pots will be shipped prepaid, provided the shipment weighs 150 pounds or more

### JACK POTS OR ONE-TIME PEAT MOSS POTS

Jack Pots are manufactured from the finest horticultural peat moss available. Sturdy shaped pots make handling easy, and pots will last the required growing period, under greenhouse or coldframe conditions. These pots are made both round and square; the square pots are in two weights, the No. 10 the lighter. Jack Pot sizes are inside top diameters "full dimensional." They will hold more soil than other peat pots of the same stated sizes.

#### JACK POTS—ROUND SIZES

Inside top Dimension of pot	Quantity	Number Pots per Carton	Approx. Wt. of Carton	Price per 1000
<b>S-1428A</b> , 2¼-in. diameter	2,000 to 18,000 20,000 to 74,000 76,000 and over	2000	30 lbs.	<b>\$7.25</b> <b>6.75</b> <b>6.25</b>
<b>S-1428B</b> , 3-in. diameter	1,000 to 9,000 10,000 to 49,000 50,000 and over	1000	24 lbs.	<b>13.75</b> <b>12.75</b> <b>11.50</b>
<b>S-1428C</b> , 4-in. diameter	500 to 2,000 2,500 to 10,000 11,000 and over	500	27 lbs.	<b>29.25</b> <b>26.75</b> <b>25.25</b>
<b>S-1428E</b> , 4-in. Azalea	500 to 2,000 2,500 to 9,500 10,000 and over	500	25 lbs.	<b>28.75</b> <b>26.25</b> <b>24.75</b>
<b>Thinline</b> , 3-in. diameter	1,250 to 10,000 11,250 to 50,000 51,250 and over	1250	28 lbs.	<b>13.00</b> <b>12.00</b> <b>10.75</b>

#### THINLINE JACK POTS—No. 10 Lightweight 2¼ and 3-inch

For some growing purposes, these lighter weight pots are preferred.

Inside top Dimension of pot	Quantity	Number Pots per Carton	Approx. Wt. of Carton	Price per 1000
Square 2¼-in.	2,500 to 17,000 20,000 to 72,500 75,000 and over	2500	30 lbs.	<b>\$7.50</b> <b>7.00</b> <b>6.50</b>
Square 3-in.	1,000 to 9,000 10,000 to 49,000 50,000 and over	1200	35 lbs.	<b>14.50</b> <b>13.25</b> <b>12.00</b>
Round 3-in.	1,250 to 10,000 11,250 to 50,000 50,000 and over	1250	30 lbs.	<b>13.00</b> <b>12.00</b> <b>10.75</b>

#### JACK POTS—SQUARE SIZES

Inside top Dimension of pot	Quantity	Number Pots per Carton	Approx. Wt. of Carton	Price per 1000
<b>S-1428</b> , 1¾-in. diameter	2,500 to 17,500 20,000 to 70,000 72,500 and over	2500	30 lbs.	<b>\$7.00</b> <b>6.50</b> <b>6.00</b>
<b>S-1428F</b> , 2¼-in. diameter	2,000 to 18,000 20,000 to 74,000 76,000 and over	2000	40 lbs.	<b>11.00</b> <b>10.25</b> <b>9.50</b>
<b>S-1428D</b> , 3-in. diameter	1,000 to 9,000 10,000 to 49,000 50,000 and over	1000	40 lbs.	<b>18.25</b> <b>17.00</b> <b>15.25</b>

#### PLASTIC TRAYS (NEW)

Economical plastic trays, molded for square Jack Pots. A great aid in promoting peat pot plant sales.

Pot Size	No. of pots per tray	Price per tray
1¼ in. square	12	\$0.05
1¼ in. square	150	1.25
1¾ in. square	6	.045
1¾ in. square	12	.07
1¾ in. square	48	.60
1¾ in. square	96	1.25
2¼ in. square	6	.065
3 in. square	20	.75

Colors available: Red, Yellow, Blue and Black.

## PLANT TRAYS and PAKS

### STYLON—New Plastic Tray

These new Improved STYLON plastic plant trays make possible a better display of salable plants. Designed to hold either 12 or 15 plants, made of strong durable but light plastic, with five ¼-in. holes in the ribbed bottom to provide good drainage. They support good uniform plant growth and will not absorb nutrients from either the plants or the soil.

They encourage sales on days that are too cold or wet for planting. The customer takes them home and will put them on a window sill until he has an opportunity to do the transplanting. Their greatest single advantage is that they make a self-service type operation possible.

#### STYLON plant trays offer all these following advantages:

- Priced down with the lowest.
- Attractive silver-gray color.
- Modern design with sales appeal.
- Promote impulse buying.
- Available in two sizes.

- Easily labeled or erased with a pencil.
- Clean to handle; sleek surface looks and stays clean.
- Will never become soggy or water-stained.
- Mold will not and cannot form on them.
- Light weight; can be shipped Parcel Post.

	Wt. per case	Packed per case	Price per 1000
<b>No. 57.</b> 5 x 6½ x 2½ in. deep.....	15	500	<b>\$45.00</b>
<b>No. 78.</b> 6½ x 7½ x 2½ in. deep.....	20	500	<b>60.00</b>



# BEMIS TEKPAKS

## PLANT-PAKS New, Improved Rigid Formulation—Increased Drainage

These "Paks" save the time consumed in digging and wrapping plants and help you place a far better plant in your customers' hands. Now greatly improved with a more rigid formulation for the entire line, which will give it much longer life on the grower's benches. The number of drainage holes has been increased to insure more positive drainage. The cost saving of shallow containers is a myth. Growers are rapidly finding that cost differentials are overcome by increased costs of labor and materials (watering and fertilizing). The swing is definitely to 3-in.-depth containers.



**Featherweight.** Lighter to handle, thus reducing shipping costs. "Paks" nest together and reduce storage space to a minimum.

**Eye-Appealing.** They are neat and attractive when used in any display.

**Strong and Durable.** Made of molded cellulose, they are resilient; no cracking or breaking. Contain no materials toxic to plants. Will keep their shape and not rot for six months.

**Direct Planting.** Plant direct, thus saving time and labor. Ready to merchandise.

**Waterproof, Yet Porous.** Moisture is retained in the soil and healthy root structure is encouraged.

**Sizes to Suit Any Grower.** They come in many sizes. Find the correct package for your market.

### TEKPAKS

Stock No.	Size (in.)	250-750 per 1000	1000-9750 per 1000	10,000-25,000 per 1000	Shpg. Wt. per 1000	No. to Carton
462	4½x6¼x2½	\$46.75	\$44.60	\$42.50	92 lbs.	250
463	4½x6¼x3	53.00	50.50	48.10	122 lbs.	250
563	5x6¼x3	54.00	51.40	48.95	140 lbs.	250
572	5x7x2½	43.00	39.00	37.00	124 lbs.	500
573	5x7x3	58.95	56.10	53.50	148 lbs.	250
582	5x8x2½	52.60	50.40	48.00	141 lbs.	250
583	5x8x3	62.60	59.60	55.50	159 lbs.	250
683	6x8x2¾	66.00	60.00	56.00	163 lbs.	250

Prices prepaid in lots of 200 lbs. and over east of the Rocky Mountains.

### TEKPOTS

Stock No.	Size	Single Case to 10,000 per 1000	10,500 to 25,000 per 1000	Approx. Wt. per 1000	No. to Carton
225	2¼ in. Std.	\$13.95	\$12.35	21 lbs.	3500
25	2½ in. Std.	14.65	12.90	23 lbs.	2000
30	3 in. Std.	18.60	16.45	28 lbs.	2000
40	4 in. Std.	29.10	25.75	51 lbs.	1000

14 different sizes offered. Please write us for more information or see our salesman.

All prices net, no discounts. Shipped prepaid if shipment weighs 200 lbs. or more. Shipped via truck unless you specify otherwise. Sold only in full cartons. Color BROWN ONLY.

### MARKET PAKS

Market Paks are lightweight for shipping and handling but still sturdy and long lasting. Also will not take up space for storage. Made of asphalt-impregnated wood fiber.

**No. 24.** 4½ x 5¾ x 2½ in. deep.

**No. 28.** 5½ x 5½ x 2¾ in. deep.

**No. 30.** 3 x 10¼ x 2¾ in. deep.

**No. 42.** 5½ x 7½ x 2¾ in. deep.

**No. 60.** 6 x 10 x 2½ in. deep.

**No. 24.** Packed 250 per case—17 lbs. per case. Minimum order 250.

Quantity	Per 1000
Less than 1,000.....	\$31.00
1,000 to 9,875.....	28.00
10,000 to 49,875.....	26.00
50,000 up.....	24.00

**No. 28.** Packed 250 per case—23 lbs. per case. Minimum order 250.

Quantity	Per 1000
Less than 1,000.....	\$41.00
1,000 to 9,875.....	37.00
10,000 to 49,875.....	35.00
50,000 up.....	32.00

**No. 30.** Packed 200 per case—17 lbs. per case. Minimum order 200.

Quantity	Per 1000
Less than 1,000.....	\$47.00
1,000 to 9,875.....	43.00
10,000 to 49,875.....	40.00
50,000 up.....	37.00

**No. 42.** Packed 200 per case—20 lbs. per case. Minimum order 200.

Quantity	Per 1000
Less than 1,000.....	\$43.00
1,000 to 9,875.....	39.00
10,000 to 49,875.....	37.00
50,000 up.....	34.00

**No. 60.** Packed 125 per case—19 lbs. per case. Minimum order 125.

Quantity	Per 1000
Less than 1,000.....	\$66.00
1,000 to 9,875.....	60.00
10,000 to 49,875.....	56.00
50,000 up.....	52.00

**Ball Half Flat.** Packed in cases of 200—50 lbs. per case. Minimum order 200.

Quantity	Per 1000
200 to 400.....	\$110.00
600 to 4800.....	100.00
5,000 up.....	90.00

Prepaid in lots of 150 lbs. or more



## SUPPLIES, continued

### BIRD'S GRO-TAINER



The modern seedling flat, combining all of the top features necessary to grow top quality plants. Holds one dozen plants. No water-logging. Designed for proper moisture control. One drainage hole is under normal center

of each plant. Packed 200 per carton. **Sold in original cartons only.**

**No. 2.** Top dimensions:  $7\frac{3}{8} \times 5\frac{1}{4} \times 2\frac{5}{8}$  in.

Quantity	Per 1000
Less than 1,000.....	\$48.00
1,000 to 9,800.....	44.00
10,000 up.....	40.00

**No. 3.** Top dimensions:  $8\frac{1}{2} \times 6\frac{3}{4} \times 2\frac{5}{8}$  in.

Quantity	Per 1000
Less than 1,000.....	\$62.00
1,000 to 9,800.....	58.00
10,000 up.....	54.00

**No. 4.** Top dimensions:  $9\frac{3}{8} \times 7\frac{3}{8} \times 2\frac{5}{8}$  in.

Quantity	Per 1000
Less than 1,000.....	\$72.00
1,000 to 9,800.....	68.50
10,000 up.....	64.50

Listed below are the proper Vita-Band sizes to be used with the Bird Gro-Tainers.

**No. 2.** Will hold 6— $2 \times 2 \times 2\frac{1}{2}$  Vita-Bands.

**No. 3.** Will hold 12— $1\frac{3}{4} \times 1\frac{3}{4} \times 2\frac{1}{2}$  Vita-Bands.

**No. 4.** Will hold 12— $2 \times 2 \times 2\frac{1}{2}$  Vita-Bands.

### BIRD GROWTH-STIMULATING PLANT BANDS

**VITA-BAND D** contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil, permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

**VITA-BAND 10** for short growing periods.

Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band "D" except Vita-Band 10 is removed at time of transplant. Vita-Band "D" is not.



**QUANTITY DISCOUNT.** On 50,000 Bands or over 5%; 200,000 or over 10%, F.O.B. Smethport or East Walpole, Mass.

#### PRICES—QUANTITIES—WEIGHTS

VITA-BAND	$1\frac{1}{2} \times 1\frac{1}{2} \times 2\frac{1}{2}$	$1\frac{3}{4} \times 2\frac{1}{2}$	$2 \times 2\frac{1}{2}$	$2 \times 3$	$2\frac{1}{2} \times 3$	$3 \times 3 \times 3$	$4 \times 4 \times 3$
10	\$4.80 per 1000 2000 per case (33 lbs.)	\$5.15 per 1000 2000 per case (38 lbs.)	\$5.40 per 1000 2000 per case (42 lbs.)	\$5.90 per 1000 2000 per case (51 lbs.)	\$6.40 per 1000 2000 per case (63 lbs.)	\$7.10 per 1000 1000 per case (37 lbs.)	\$9.20 per 1000 1000 per case (50 lbs.)
D	\$4.95 per 1000 2000 per case (18 lbs.)	\$5.30 per 1000 2000 per case (21 lbs.)	\$5.50 per 1000 2000 per case (23 lbs.)	\$6.20 per 1000 2000 per case (28 lbs.)	\$6.45 per 1000 2000 per case (34 lbs.)	\$7.25 per 1000 2000 per case (40 lbs.)	\$9.45 per 1000 1000 per case (27 lbs.)

### BLACK MAGIC PAPER MULCH RIVALS PLASTIC

For outdoor garden use, ideal for Geranium stock beds, Carnations, Glads and all other flower and vegetable crops. Tried extensively this past season in our own trial gardens, this new mulch paper eliminated cultivation and just a small amount of hand weeding was necessary. The paper we are now offering has been greatly improved for 1960.

Mulch paper contains a fungicide, Cunilate, which prevents deterioration. It contains no materials toxic to plants. To guard against light transmission and the weed growth that goes with it, the paper is dyed with carbon black.

The rolls are 40 in. wide and will contain 2250 linear feet of paper or 7500 sq. ft. Each roll would weigh 100 lbs. Based on the recommendation of two-thirds coverage of the area, it would require 4 rolls to properly mulch 1 acre. Sample sent on request.

Paper mulch will give the following benefits:

Controls weeds, eliminates much cultivation and hand hoeing.

Regulates the moisture supply in the soil under the plants.

Reduces loss from disease.

Regulates the soil temperature.

Keeps soil in good physical condition by preventing the deterioration normally caused by hard rains and by movement of cultivating equipment.

Prevents leaching of nutrients from soil.

Sold in full rolls of 100 lbs. each only. Price per roll, F.O.B. Smethport, Penna., or Wisconsin: 1 roll \$31.00 per roll; 4 rolls (will cover 1 acre) @ \$29.75 per roll; 5 to 25 rolls @ \$29.00 per roll; 25 to 50 rolls @ \$27.00 per roll.

Please write for prices on larger quantities.

### FERTILIZERS

#### PETERS SOLUBLE FERTILIZERS

The different formulas listed below have all been designed to meet specific conditions currently found in greenhouse growing conditions. They have a high safety from burning factor when properly used. They will keep indefinitely without permanent hardening and will dissolve readily upon contact with water, containing an extremely efficient color tracer.

Freight prepaid east of the Mississippi on all orders totaling 300 lbs. or more. F.O.B. Allentown or Smethport, Penna., on all orders less than 300 lbs.

#### Mixed Fertilizers

(Packed in 25-lb. bags only)

	100 to 975 lbs.
	1 to 3 bags 25-lb. bag Per lb.
21- 7- 7 Azalea Acid.....	\$6 75 23c.
21- 7- 7 Azalea Neutral.....	6 75 23c.
25- 5-20 Carnation Special.....	6 75 23c.
16- 4-12 Easter Lily Special.....	6 75 23c.
20-20-20 General Purpose Feed.....	6 75 23c.
15-15-15 Geranium Special.....	6 75 23c.
25-10-10 Maryland or Pot Plant Special.....	6 75 23c.
40- 3- 3 Nitrogen Special.....	6 75 23c.
10-30-20 Orchid Special.....	7 25 25c.
13- 6- 6 Organic Special.....	7 25 25c.
15-30-15 Phosphate High.....	7 75 29c.
25- 0-25 Phosphate Low.....	7 75 29c.
20- 5-30 Potash Special.....	7 25 25c.

#### DU PONT URAMITE (38% Nitrogen)

(Packed only in 50-lb. bags)

	Per bag
50-lb. bag.....	\$12 00
10 bags.....	11 50
40 bags.....	11 00

**HOZON PROPORTIONER**.....\$2 50

Inquire for prices on special single element materials or special formulas.



**FUMIGATORS****FULEX SMOKE BOMBS**

**Parathion.** For red spiders, aphids and thrips on florists' crops. Carton of 24 cans.

2000 cu. ft. ....\$11 50 | 10,000 cu. ft. ....\$17 00  
5000 cu. ft. .... 14 50 | 20,000 cu. ft. .... 26 00

**Aphid-Smoke.** For aphids and adult white flies on florists' crops. Carton of 24 cans.

2000 cu. ft. ....\$11 00 | 10,000 cu. ft. ....\$17 00  
5000 cu. ft. .... 14 00 | 20,000 cu. ft. .... 25 00

**Spider-Mite.** For red spiders, including some Parathion-resistant strains on carnations, chrysanthemums and snapdragons. Carton of 24 cans.

2000 cu. ft. ....\$11 50 | 10,000 cu. ft. ....\$19 00  
5000 cu. ft. .... 14 50 | 20,000 cu. ft. .... 31 00

**Nicotine.** For those who prefer to use nicotine. Carton of 12 cans.

10,000 cu. ft. .... Per case \$9 60  
20,000 cu. ft. .... 16 20

Prices net, no discount

**ANTI-DAMP-OFF SOLUTIONS****FULEX A-D-O**

For inhibiting the spread of rhizoctonia, pythium and fusarium stem rot diseases. Use for dipping cuttings, drenching sand, vermiculite, peat, peat moss, etc. Use it on seed beds or on soil; also direct on seedlings and growing plants. This material contains 25% hydroxyquinoline sulfate and has proved itself, after extensive use, to be of great value as a control of lily root rot.

Should not be used on crucifers such as Brussels Sprouts, Broccoli, Cabbage and Cauliflower.

Pt. ....\$4 95 (makes 128 gals.)

Qt. .... 9 50 (makes 256 gals.)

Prices net, F.O.B. Smethport, Penna.

**PANO-DRENCH 4**

Most effective control for damp-off!

Many growers have reported their findings on the use of Pano-Drench to control damp-off and certain other diseases in flower pots, seed flats, propagating benches, etc. You can now end losses from damping-off.

It can be used as pre-emergence or post-emergence drench. No need to wait for the flats to dry.

Easy to use, Pano-Drench can end your damping-off problems today and control diseases like stem and root rot. Cases have been reported of known control for as long as three months.

Oz. ....\$1.95      4 ozs. ....\$5.95      Pt. ....\$19.20

Prices net, prepaid

**SLUG CONTROL****SLUGIT**

New method of controlling slugs and snails. Not a bait, but a liquid sprayed over soil and growing plants. It is both a stomach and a contact insecticide. Effective and easy to apply. Easily sprayed on open ground and plants with a Bordeaux nozzle. One gal. covers about 4800 sq. ft. Effective for about two weeks. Gal. \$12.00, 8-oz. bottle 90c, 4-oz. bottle 60c. Prices net, F.O.B. Smethport, Penna.

**ROOTING POWDER****ROOTONE**

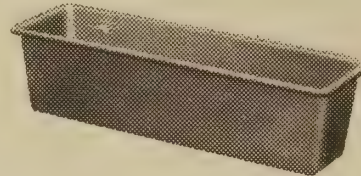
This plant hormone powder is a carefully formulated, easy-to-use powder containing synthetic plant hormones and growth substances.

Rootone stimulates the natural tendency of roots to form on cuttings; therefore, rooting takes place in a much shorter time, with a larger percentage rooting, earlier develop-

ment and more roots per cutting.

Rootone. 2 ozs. \$1.25, lb. \$5.00.

Rootone F. (Fungicide added). Lb. \$5.00.

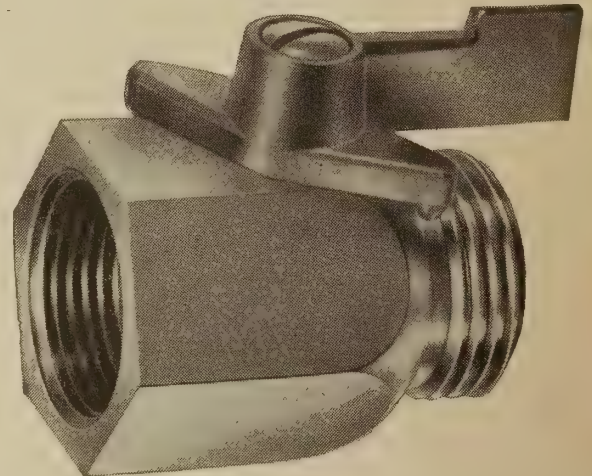
**FLOWER BOXES****BO-KAY FIBERGLAS FLOWER BOXES**

Molded of Fibreglas reinforced plastic. Guaranteed against leaking; corrosion-proof. Will outlast steel and wooden boxes. No painting required, nor is the surface finish subject to unsightly

scratches. They come in four colors or can be bought in an assortment containing 3 green, 1 white, 1 black and 1 brick-red.

Sizes	Retail Price	Cost per Carton
	Each	of 6
18 in. ....	\$2 70	\$9 72
24 in. ....	3 15	11 34
30 in. ....	3 55	12 78
36 in. ....	4 35	15 66

**Metal Wall Brackets** for above, 65c (retail at 98c).

**VALVES****BRASS V-58**

Shut off to full flow in one-quarter turn. Easy, effortless, positive stops. Solid brass. No leak, no drip, greater water capacity than most 3/4-in. hose end valves. Weight 1/2 lb. Inexpensive valve.

	Each	6 Valves
Pipe to hose type .....	\$1 35	\$7 50
Pipe to pipe type .....	1 50	8 40



# H. G. GERMAN, SEEDS

P. O. BOX N SMETHPORT, PA.

*"GERMAN'S SEEDS GERMINATE"*

*Our 36th year in supplying high  
quality seeds to Florists.*

OFFERS YOU

*The World's Finest*

F<sub>1</sub> HYBRID

## PETUNIAS

BY

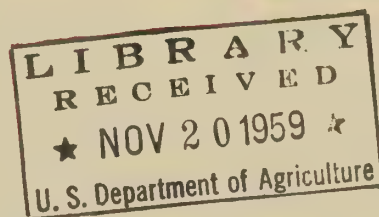
PAN AMERICAN SEEDS, INC.

GLORIOUS MIXTURE



**CAPRICE**

Bright Rose



*Only the Best  
in the Famous  
All Double Petunias*

**SONATA**

Pure White

**NEW COLOR**

Salmon & White  
Variegated

**RHAPSODY**

Burgundy  
Wine-Purple

**NOCTURNE**

Midnight  
Violet-Purple

**MINUET**

Orchid-Lavender

**ALLEGRO**

Bright Salmon

**PRESTO**

Rose & White





# H. G. GERMAN

*Presents . . .*



## SABRE DANCE

•  
Bright  
Crimson & White

•  
Star Pattern

•  
NEW!  
STRIKING!

## MAYTIME

•  
A. A. Winner  
1958

•  
Clear, Light  
Salmon-Pink



## BLUE LACE

•  
Ruffled and Fringed

•  
Delicate Dark Veins



## TOREADOR

•  
Bright  
Velvety-Deep  
Crimson-Red

## CRUSADER

•  
Striped  
Rose Pink  
on White.





# TEN BEST-SELLING GRANDIFLORA PETUNIAS

Bred and Grown by Pan-American Seeds, Inc.



## LA PALOMA

- Pure White  
Yellow Throat.

## BALLERINA

- First A.A.  
Winner
- Soft, Glowing  
Salmon.
- A perennial  
Best Seller.



## TOP TEN GRANDIFLORAS



## PRIMA DONNA

- Bright Rose Pink

- The only A.A. Winner  
in this color class.



## TANGO

- Lovely, warm  
Scarlet-Salmon.
- Better than ever.

## BLUE MAGIC

- Medium  
Deep Violet  
Blue.
- Rich as Velvet





# GROW THESE MULTIFLORA F<sub>1</sub> HYBRID PETUNIAS

Bred and Developed by  
**PAN AMERICAN SEEDS, INC.**



**COMANCHE** All-America Winner

Scarlet-Red  
Most Popular of all Petunias



**SUGAR PLUM** - NEW!  
DIFFERENT!



**MERCURY** - The blue you have  
been waiting for.





ASTER DUCHESSE PURE YELLOW

A new Color—A new Class of Asters

OBTAINABLE FROM H. G. GERMAN SEEDS, SMETHPORT, PA.





THE BLUE YOU HAVE  
BEEN WAITING FOR.

**MERCURY** - The blue you have  
been waiting for.





**VERBENA, CALYPSO**

Mixture of gaily striped blooms. See page 22.



**ZINNIA, GIANT CACTUS-FLOWERED, TREASURE ISLAND**

Bright colors in a well-balanced mixture. See page 22.



**PETUNIA, F<sub>1</sub> HYBRID MULTIFLORA, SATELLITE**

Extremely bright and free blooming. See page 16.



**GOMPHRENA, BUDDY and CISSY**

See page 11.





**PORTULACA, GERMAN'S ALL DOUBLE MIXED**

See page 18.



**ZINNIA, GIANT DAHLIA-FLOWERED, PINK LADY**

Lovely new color. See page 22.



**PETUNIA, F<sub>1</sub> HYBRID MULTIFLORA, MERCURY**

New light blue. See page 16.

## **H. G. GERMAN SEEDS**

*Florists' Flower Seeds*

**SMETHPORT • PENNA.**



**ZINNIA, MERRY-GO-ROUND**

New dwarf novelty mixture. See page 23.